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TECHNICAL MEMORANDUM

CALIBRATION OF THE NORTHEAST PANEL
OF THE
DEPARTMENT OF THE INTERIOR
DETAILED REGIONAL MODEL

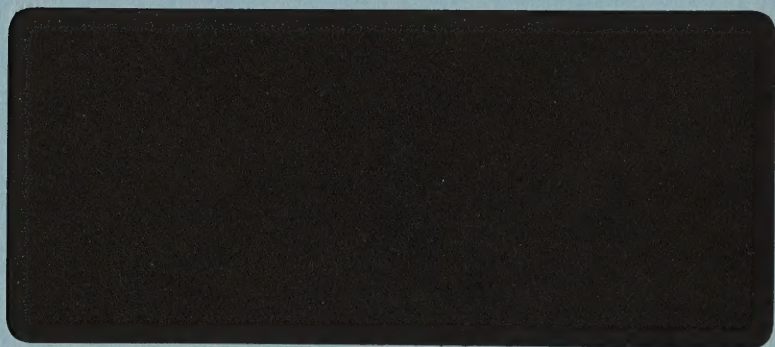
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October 10, 1994

Mr. Paul Summers
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TECHNICAL MEMORANDUM

CALIBRATION OF THE NORTHEAST PANEL OF THE DEPARTMENT OF THE INTERIOR DETAILED REGIONAL MODEL

Dear Mr. Summers:

Enclosed is a copy of the "Calibration of the Northeast Panel of the U.S. Department of the Interior Detailed Regional Model" technical report. This report is a summary of the work done during the project. You have the opportunity to provide input regarding this project. Please provide your comments regarding the work at the upcoming meeting.

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Prepared for:

U. S. Department of the Interior
National Park Service
Fish and Wildlife Service
Bureau of Land Management
Bureau of Indian Affairs

Catherine Kasper-Ross, Hydrologist

Prepared by:

Water and Environmental Systems Technology, Inc.

October 1994



WATER & ENVIRONMENTAL SYSTEMS TECHNOLOGY, INC.

Rec'd 10/17/94

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October 14, 1994

Mr. Paul Summers
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Denver Federal Center
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Denver, Colorado 80225-0147

RE: Northeast panel of the DOI Detailed Regional Model

Dear Mr. Summers:

Enclosed is a copy of the "Calibration of the Northeast Panel of the Department of the Interior Detailed Regional Model" technical memorandum. We are pleased to complete this phase of the project. Please contact us if you have any questions regarding this project. We will be making a presentation of the work at the upcoming Reno meeting with the Bureaus.

Sincerely,

Catherine Kraeger-Rovey, Ph.D., P.E., C.C.E.

Marianne Nagel, Hydrogeologist

Sarah Marsden-Terry, Hydrogeologist

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EXECUTIVE SUMMARY

This technical memorandum describes the data, calibration process and results through July 1994 for the northeast panel of the Department of the Interior (DOI) Detailed Regional Model. The northeast panel of the DOI model has 120 rows and 96 columns, and covers an area of 18,000 square miles. Two model simulations are presented, including a steady-state, predevelopment run without pumping, which demonstrates the calibration of the model, and another steady-state run that includes existing and proposed Las Vegas Valley Water District (LVVWD) pumping. The second run represents a scenario of the potential impact on Federal water rights of existing and proposed LVVWD pumping over an extended period of time.

Calibration is the process of adjusting model input parameters so that the simulated heads match a set of target heads and other known parameter values. In this case, known values of spring elevations and flowrates were also used for calibration. Transient calibration and runs have not been attempted at this time. The model will be considered preliminary until both steady-state and transient calibration are completed on this panel, and until the northeast panel has been joined with the other three model panels and the entire model is calibrated and verified.

The model was originally configured in two continuous layers including all rock types in layer 1 (upper layer) and all rock types except basin fill in layer 2 (lower layer). During the calibration process it was necessary to change the configuration in order to achieve a stable model that produced reasonable results. In the present configuration, only the upper 2000 feet of aquifer material in areas where basin fill is present is represented in layer 1. Layer 2 represents the Consolidated Rock Aquifer in all areas. Geologic reasons supporting each configuration and the rationale for the change

what are reasonable results?

in configuration are discussed in the **MODEL CONFIGURATION** section of this report.

The U.S. Geological Survey MODFLOW computer code was used with packages to define the geometry and hydrologic properties of the model area, and to represent recharge, evapotranspiration, springs modeled as drains, and general head boundaries to represent flow between the model and hydrologically active areas beyond the model perimeter. In the pumping simulation, wells were added to the other inputs described above, and another simulation was performed. Ground-water flow equations are then solved using one of three matrix solvers included as part of MODFLOW. The results include predictions of water levels, interbasin flows, evapotranspiration and spring discharge. Comparing the results from the non-pumping steady-state run and the proposed pumping steady-state run provides estimates of changes due to pumping stresses in water levels, interbasin flows, evapotranspiration and spring discharges.

The calibration process is described in detail in the **CALIBRATION PROCESS** section of this report. The model input parameters were adjusted to achieve reasonable matches of model results with target heads and with spring elevations and flowrates. Adjustments were made primarily to the hydraulic parameters to achieve calibration, including hydraulic conductivity, transmissivity, and vertical conductance. The magnitude and impact of adjustments to these parameters are discussed in the Hydraulic Parameters section of this text.

Recharge was distributed within each basin according to elevation and rock type using a computer program written for this project. Total recharge was adjusted upward in basins in which modeled heads were too low and downwards in basins where modeled heads were too high. These adjustments were generally within 15 percent of reported estimates and are discussed in the Recharge section of this report.

Evapotranspiration was distributed according to published information concerning the location of evapotranspiration areas and evapotranspiration rates. The method for assigning maximum evapotranspiration rates, the evapotranspiration surface, and the extinction depth for each cell are described in the Evapotranspiration section of this report.

General head boundaries are assigned in perimeter model cells to simulate flow between the model and hydrologically active areas beyond the perimeter. The assignment of parameter values to the general head boundary listing and the impact of general head boundaries on model results are discussed in the General Head Boundaries section of this report. A

Results are reported for both the pre-development and pumping runs of the model. The pre-development run demonstrates that the model is calibrated sufficiently so that in approximately 80 percent of the model area, the modeled heads are within 250 feet of known or estimated target heads and that the pattern of these heads reasonably matches that of the published water level maps. Modeled interbasin flow directions are in general agreement with those presented in the conceptual model report. Aggregate total modeled spring flow, at this time, is approximately 85 percent of reported spring flow. These results are discussed in the Springs and **STEADY-STATE RESULTS** sections of this report. useless for Bureau purposes!

Pumping data used in the pumping run are described in the Pumping Data section of this report. The effects of pumping on spring flow, evapotranspiration rates, general head boundary flows, interbasin flows and potential impacts on Federal water rights are tabulated and discussed in the Pumping Results section of this report. These results ranged from minimal to very significant, depending on aquifer parameter distributions and proximity to pumping nodes in the model. Drawdowns in aquifer head due to pumping are presented in Figures 22 and 23

for layers 1 and 2, respectively, and ranged from zero to over 800 feet.

Sensitivity analyses conducted for the original configuration indicate that the model is most sensitive to adjustments in recharge, followed by evapotranspiration, then by the hydraulic parameters. Sensitivity runs have not yet been conducted for the present configuration of the model; however, the sensitivities are not expected to be significantly different than the sensitivities of the original configuration.

Is this
reasonable?

We need



It is concluded that the calibration effort to date has been successful. A reasonable calibration has been achieved by adjusting parameters within realistic ranges of values and model results are within expected ranges.

The large size and number of grid cells in this model, the complexity of the system, and the lack of data were initially seen as potentially serious, if not fatal, obstacles to the success of this model. For the northeast panel, these obstacles have been overcome. The datasets for the other three panels of the DOI model are complete. Although each of these panels has some unique characteristics, all are sufficiently similar to the northeast panel that success in calibrating these panels, as well as the entire DOI model, is also anticipated.

INTRODUCTION

This technical memorandum describes the data, calibration process and results through July, 1994 for the northeast panel of the Department of the Interior (DOI) Detailed Regional Model. As of July, 1994 the northeast panel of the model is approximately 80 percent calibrated. Two model simulations are presented. The first is a steady-state, pre-development run that does not include pumping. The second is a steady-state run that includes existing and proposed Las Vegas Valley Water District (LVVWD) pumping. It is intended to represent a scenario of the potential impact on Federal water rights of existing and proposed LVVWD pumping over an extended time period, which may be beyond LVVWD's proposed project life.

The location of the DOI model and relative position of the northeast panel are shown in Figure 1. The hydrographic areas (basins) within the northeast panel are shown in Figure 2.

Calibration is the process of adjusting model input parameters so that the simulated heads match a set of target heads. The target heads for this model are those presented in Thomas and others (1986). The approach to calibrating a groundwater model is to complete a steady-state calibration, followed by a transient calibration, then generally by a second round of both steady-state and transient calibration to "fine tune" the model's accuracy and address other problems identified in the first round of calibration. One or more additional rounds of calibration may be necessary if unusual difficulties are encountered in the calibration process. Due to time and budget constraints, the Department of the Interior has requested at this time that we conduct only steady-state calibration and conduct a steady-state run to include existing and LVVWD proposed pumping.

The model should be considered preliminary until the transient step of calibration and the second round of both

steady-state and transient calibration can be completed. An important aspect of transient calibration is that it tests the storage characteristics of the aquifer system. In order to assess the progressive impacts of pumping on the hydrologic system as a function of time, it is essential to have reasonable values for the aquifer storage characteristics.

A second reason that this northeast panel of the model should be considered preliminary concerns the plan to attach this northeast panel of the model to the three remaining panels. This would form the large DOI model of the entire area that could be impacted by Las Vegas' pumping (Figure 1). When the model is joined together with the three remaining panels; the northwest, southeast and southwest panels, essentially a new model will be created. The behavior of the northeast quadrant of the combined model is likely to differ from the behavior of the northeast panel alone. Additional adjustments to the northeast panel are likely to be required when calibrating the entire DOI model.

MODEL CONFIGURATION

The flow regime of the Carbonate Rock Province of the Basin and Range Physiographic Province includes local, intermediate, and regional flow systems as shown conceptually in Figure 3, which is excerpted from "Preliminary Conceptual Model of a Portion of the Carbonate-Rock Province of Nevada and Adjacent States" (Stetson Engineers, 1993). A representation of the physical flow system is shown in Figure 4A for comparison with the present model configuration which is discussed below.

Flow systems are hydraulically connected parts of the overall flow regime and are not independent flow regimes. Local flow systems may be conceptualized as flow which originates as recharge in the mountain blocks and discharges in the mountain blocks. Intermediate flow systems may be conceptualized as flow

which originates as recharge in the mountain blocks and discharges in adjacent basins. Regional flow systems may be conceptualized as flow originating as recharge in the mountain blocks and discharging in basins not adjacent to the mountain block where the recharge occurred. The focus of the DOI model is to simulate both intermediate and regional flow systems of the carbonate rock province. More detailed hydrogeologic information would be required to simulate local flow systems.

Horizontal and vertical flow occur in both the intermediate and regional flow systems. The relative importance of horizontal flow versus vertical flow is speculative. The following discussion presents pro and con arguments for the predominance of one flow type versus another.

Geologic reasons for postulating the relative predominance of horizontal flow are as follows:

- 1) Many normal high angle faults with large displacements (>5000 ft) exist in the system. This displacement places consolidated rock and basin fill laterally adjacent to each other. There is no reason to suppose that lateral flow will not occur across this interface.

- 2) Both the basin fill and sedimentary consolidated rock units were deposited horizontally and intrinsic permeability is greater in the horizontal direction along bedding planes than in the vertical direction. Water will flow more readily in the direction of greater permeability.

Geologic reasons for postulating the relative predominance of vertical flow over horizontal flow are as follows:

- 1) Contact between basin fill and consolidated rock is either along the edge of the basin at the basin bounding faults, or at the base of the basin fill. However, most of the surface area interface between basin fill and consolidated rock is at the base of the basin fill and not at the sides of the basin fill. Therefore more flow could occur in the vertical direction.

- 2) Although intrinsic permeability in sedimentary rocks and unconsolidated deposits is greater in the horizontal direction, the Basin and Range Physiographic Province has

been subjected to large tectonic stresses. Besides causing the formation of the horst and graben blocks, the tectonic stresses caused internal fracturing within the horst and graben blocks. This fracturing and faulting in the vertical direction may result in greater permeability in the vertical direction than in the horizontal direction. Water will flow more readily in the vertical direction than the horizontal direction due to the greater permeability in the vertical direction.

3) Head gradients are an indication of resistance to flow; high head gradients indicate flow resistance and low permeability in the flow direction, whereas low head gradients indicate relative ease of groundwater movement and higher permeability in the flow direction. Vertical gradients between shallow and deep heads are small. The maps by Thomas and others (1986) show both basin fill and consolidated rock water level contours in the basins which are very similar. Blankennagel and Weir (1973) tabulated head changes with depth in exploratory holes on Pahute Mesa in the Nevada Test Site. A head change of 142 feet was measured across a 10,000-foot interval. By contrast, horizontal gradients at the margins of many basins between the basin fill and the mountain blocks are steep.

A case could be made for either predominantly vertical flow or predominantly horizontal flow; however, the hydrogeologic case for predominantly vertical flow is stronger. Additionally, modeling results in the northeast panel indicated that vertical flow is much greater than horizontal flow between the Basin Fill Aquifer and the Consolidated Rock Aquifer. For this reason, which is discussed in more detail below, the model configuration was changed. Without changing the configuration, there was no effective way to minimize horizontal flow; this minimization of horizontal flow was necessary to calibrate the model. In the current configuration the horizontal component of flow cannot be modeled directly, but the effect can be simulated by distributing recharge onto the basin fill.

Note

Does not model horiz. flow

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The model configuration was changed during the process of calibration. Originally, layer 1 of the model was active for all rock types in the saturated upper 2000 feet of the model area, and layer 2 represented the consolidated rock aquifer. The thickness of basin fill in each basin is shown in Figure 5. The elevation of the top of the carbonate-rocks for the

** NOTE*

northeast panel is shown in Figure 6. At basin edges where basin fill was less than 2000 feet thick, the underlying consolidated rock was modeled by adjusting hydraulic conductivity. Hydraulic conductivity was adjusted using an average of the basin fill conductivity and underlying consolidated rock conductivity, weighted according to the thickness of each within each cell. In areas where saturated thickness of basin fill exceeds 2000 feet, the remaining basin fill down to bedrock was represented as a confining zone between the upper and lower model layers. Vertical leakage through this confining zone is modeled, but horizontal flow in the confining zone cannot be simulated under this configuration. This limitation is not considered serious, however, since horizontal flow through the lower basin fill is considered to be insignificant.

Serious difficulties were encountered with this original configuration of the model. Cells representing consolidated rocks in the upper layer frequently dried out or produced instabilities that prevented the model matrix solution for heads from closing. Modeled heads in these cells were often unreasonably high or low. Adjustments made to the hydraulic conductivity of these cells in attempts to better match mountain heads were not successful, even when the adjusted values of hydraulic conductivity were far outside a reasonable range for the rock type modeled. Even with such adjustments, flows from the upper layer mountain cells into adjacent basin fill cells were too high, resulting in unacceptably low mountain heads and unacceptably high basin fill heads in layer 1.

Model runs made with the original configuration (all areas and rock types active in the upper layer) required a large anisotropy factor, with greater hydraulic conductivities and transmissivities in the northeast-southwest direction, in order for simulated mountain heads to even begin to approach the target heads in either the mountains or the basin fill. Runs made without the anisotropy factor but with otherwise identical

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MODFLOW PACKAGES USED

The standard version of the USGS MODFLOW (McDonald and Harbaugh, 1988) code was used for the DOI model with the following packages:

BAS (Basic package).

Specifies basic model size, layers, and other packages to use. BAS also handles administrative tasks, and designates active and inactive cells, stress periods, time increments, etc.

BCF (Block-Centered Flow package).

Computes conductance components between adjacent cells using transmissivity and/or hydraulic conductivity for horizontal flow components and vertical conductance for vertical flow components. This package also contains statements that read in cell dimensions, anisotropy factors, and, for the DOI model, an array of bottom elevations for layer 1.

RCH (Recharge package).

Enters recharge into designated cells according to a recharge array which is read in.

WEL (Well package).

Simulates withdrawal or injection of water through wells using a file of wells listed by grid cell location.

DRN (Drain package).

Used in this application to simulate springs, which drain water from the aquifer at a rate proportional to the difference between the head in the aquifer and the elevation of the ground surface at the spring location. Drain locations, elevations, and conductances are read into the model data set as a list file, similar in format to the well file.

EVT (Evapotranspiration package).

Removes water from designated cells according to a linear function that decreases with depth of water table below a designated evapotranspiration surface, multiplied by a maximum evapotranspiration rate. Maximum evapotranspiration rate and evapotranspiration surface elevation are read into the model as arrays. Extinction depth, which is the depth to water at which evapotranspiration diminishes to zero, can be read in either as an array or as a single value. For the DOI model data are insufficient for specifying an array of extinction depths, so a single value is used.

GHB (General Head Boundary package).

Simulates flow into or out of active model cells from external sources. In this application, the package is used to simulate ground water movement across the exterior perimeter of the model. The package functions in a similar manner to the drain and evapotranspiration packages, in which flow to or from the general head boundary is proportional to the difference between head in the model cell and head assigned to the external source. General head boundaries are input to the model as a list file, similar to the drain file, with a specified head and conductance for each general head boundary.

Matrix Solver.

Three packages are available for use with MODFLOW to invert the matrix equations set up through the inputs of all previous packages and solve for an array of heads. None of the three is considered superior to any other. In a given application, however, one solver may work better than the others due to the model configuration, a unique combination of parameter values or many other factors. PCG2 (Preconditioned Conjugate Gradient 2), was used in the steady-state calibration, but proved somewhat unstable for the pumping run. Consequently, SIP (Strongly Implicit Procedure) was used instead.

OC (Output Control).

Specifies the type of results that will be printed. For a transient run, it specifies the time increments for which results will be printed.

THE CALIBRATION PROCESS

Steady-state calibration of the model has consisted of adjusting several of the input parameter sets in order to achieve a match of model results with pre-development heads, spring flows and spring elevations, and basin estimated recharge and evapotranspiration values. Target heads for both layers 1 and 2 for the steady-state pre-development model simulation are those heads presented in Thomas and others (1986). Data on springs, their locations, elevations and flows, were derived from published sources and from the ground-water data base of the U.S. Geological Survey.

In some cases it may be possible to fix all other parameter values and to use an autocalibration routine or other method to adjust hydraulic conductivities and transmissivities until a near-perfect head match is achieved. This, however, is "force-fitting" and not calibration. Force fitting seldom if ever produces a legitimate and valid model. It usually mandates adjusting transmissivity and hydraulic conductivity values in patterns that don't represent the geology, and to values that are beyond the range of reasonable values, often by orders of magnitude.

Model parameters were adjusted, including primarily the hydraulic parameters of transmissivity, hydraulic conductivity and vertical conductance to obtain as close a match as possible of model results with target heads and spring flows. Adjustments were also made to recharge distributions and quantities and evapotranspiration quantities. Parameter adjustments were made to entire input data sets, to localized problem areas, and in some cases to individual cells.

The following section briefly discusses the adjustments made during modeling to achieve calibration, model sensitivity to input parameters, and input parameter values as of July, 1994, of the steady state calibration process. The "Basic Data for Development of the Department of Interior Model of a Portion of the Carbonate-Rock Province" report (Stetson Engineers, 1994) contains a detailed discussion of model data development. The results of the steady-state simulation with pumping is described in a later section of this report.

Hydraulic Parameters

Development of initial transmissivity and hydraulic conductivity arrays for the northeast panel of the DOI model is described in the Basic Data report (Stetson Engineers, 1993). Calibration was achieved in large part through the adjustment of these parameter values. It was discovered during the calibration process that changes in layer 2 transmissivities had a much greater effect on modeled heads in both model layers than comparable changes in layer 1 hydraulic conductivity. Consequently, the focus was to make adjustments in layer 2 transmissivities rather than layer 1 hydraulic conductivities.

The starting hydraulic parameters ranged from hydraulic conductivities of 0.1 to 1.0 ft/day for the basin fill (layer 1) and transmissivities of 1 ft²/day for clastics and intrusives and

600 ft²/day for carbonates in layer 2. In order to calibrate the DOI model, transmissivities and hydraulic conductivities were changed over ranges shown in Table 1. There is intrinsic variation of transmissivity and hydraulic conductivity in any given rock type, and even greater spatial variation due to regional features such as faults and shear zones. As a result there is ample justification for making spatial adjustments of transmissivity and hydraulic conductivity to achieve calibration. ✓

Initial values were keyed to the rock type in each model cell based on a generalized geologic map (Figure 9). Currently, modeled values for hydraulic conductivity in the layer 1 range from 0.1 to 1.0 feet per day and transmissivities in the layer 2 range from less than 1,000 up to 15,000 ft²/day. These values are within the range shown in Table 1 and the distribution of hydraulic conductivity and transmissivity used in the northeast panel of the DOI model are shown in Figures 10 and 11, respectively. The average change in layer 2 transmissivity was an increase of approximately one order of magnitude, with the maximum increase in layer 2 transmissivity of 1.4 orders of magnitude. Changes in hydraulic conductivity were minimal. The statistical distributions of the hydraulic parameters are shown in Figure 12. The values used for each model cell are presented in Appendix A. what map? *

Originally, vertical leakance was calculated for each individual active cell based on layer thicknesses and estimated vertical permeabilities. These values ranged between 10^{-15} and 10^{-1} days⁻¹, with a mean value of 10^{-7} . In the original model configuration, the vertical leakance was changed to a bimodal distribution with one value in the basins (10^{-5} days⁻¹) and one value in the mountains (10^{-1} days⁻¹) to provide a better match of simulated heads to target heads. The vertical leakance value had to be adjusted upward to better match simulated heads with target heads before the model configuration was changed, indicating the importance of vertical flow in the physical

system. Changing the model to the present configuration resulted in a constant vertical leakance of 10^{-5} days⁻¹. Since this value is a constant for the model, a data array for this parameter is not included in this report.

Overall, layer 2 transmissivities were increased by an average of approximately one order of magnitude, whereas the average change in vertical leakance between carbonates and basin fill was an increase of approximately five orders of magnitude. This relative increase of vertical leakance over the increase in transmissivity indicates the importance of vertical flow in the physical system.

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Changes in layer 2 transmissivity were made primarily to deliver water to the regional springs. Without high values of transmissivity in areas of regional springs, modeled heads were thousands of feet lower than target heads in layer 2, and cells went dry in layer 1 in the vicinity of the springs. Changes in vertical leakance were made to deliver water to springs and better match the target heads for both layers 1 and 2. The model is not particularly sensitive to hydraulic conductivity and minimal changes to this parameter were made.

How
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why? *

Springs

Development of spring data for use with the model is described in the Basic Data Report (Stetson Engineers, 1993). Spring data were not adjusted to achieve calibration; rather the model was calibrated in part to match spring elevations and discharges, which are some of the most reliable hydrologic information available to this effort. Regional and intermediate springs are modeled as discharging from layer 2. The locations of the springs simulated in the northeast panel are shown in Figure 13. Table 2 lists the data and model results associated with each of the springs. Model results associated with the pumping simulation are discussed in a later section of this

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report. The model data input for springs is presented in Appendix B.

To facilitate the calibration effort, springs were initially represented as wells to simulate actual spring discharge as it is known to occur. Each well representing a spring was assigned a constant discharge equal to the flow of the spring it represented. This allowed a more rapid calibration because it provided more stability during initial calibration runs. Other model parameters were then adjusted to simultaneously achieve a match of modeled heads with reference heads and sustain the discharge of the spring/well.

Springs were modeled as drains, replacing the wells, to facilitate the analysis of pumping impacts to springs. The modeled amount of flow depends on the head difference between the model cell and a specified drain elevation and a conductance that can be computed if the geometry and hydraulic characteristics of the drain are known. For this model, the spring geometry and hydraulic properties are unknown, but the flowrates and elevations have been measured, at least within some range of certainty. Therefore, the conductances are used as calibration coefficients. These are not known or fixed values, but will be adjusted to achieve a best fit for a given model. *

Difficulties arose at spring locations where the modeled heads were significantly different than the target heads. Where modeled heads were too low, some drain elevations were adjusted downward to allow the drains to flow; where heads were above drain elevations, drain conductances were adjusted to simulate the spring flow rate. Representing springs as drains, whose flows decrease as driving heads in the aquifer decline, allowed the model to simulate potential depletion of springs due to well pumping. The pumping scenario presented in this report was run with the springs represented as drains.

The aggregate total modeled spring flow at this time is approximately 85 percent of reported spring flow. Modeled flows from regional springs in individual basins range from 50 percent to 114 percent of measured flows. Simulated spring elevations range from actual to 600 feet lower than the actual spring elevations, with 74 percent within 100 feet. Conductance values ranged from 100 to 5,000,000 ft²/day.

* 2/6/91
close enough

Recharge

Development of initial recharge values and distributions for each basin within the northeast panel of the DOI model is described in the Basic Data Report (Stetson Engineers, 1993). These initial recharge values were adjusted during calibration of the northeast panel of the DOI model. A FORTRAN program was created for use in distributing the total reported recharge over the extent of each basin above a specified minimum elevation, and weighted according to rock type and elevation. Part of that program converted annual volumes of recharge in acre feet per year into rates of recharge in feet per day, which can be directly used by MODFLOW. Some of the basins in this panel lie partly outside the panel; for these basins, the portion of recharge that occurs within the panel had to be estimated, based on the proportion of basin area included in the model (Table 3). There is uncertainty in assigning recharge for partial basins.

The recharge distribution by basin and layer is shown in Figure 14. Table 3 shows the both reported basin and simulated recharge values for the northeast panel. The recharge rate data array for the northeast panel of the DOI model is presented in Appendix C. Recharge input data is the same for both the predevelopment steady-state simulation and steady-state simulation with pumping.

Adjustments were made to total recharge for each basin, and to recharge distribution within basins to obtain a better fit of

model results to spring heads and flows, and aquifer heads. The most satisfactory recharge distribution was achieved by weighing recharge according to both elevation and rock type. The weights for each rock type were varied somewhat from basin to basin. Most basins have rock type weighing factors of 1.0 for carbonates, 1.5 for basin fill, .5 for volcanic and 10^{-6} for clastics and intrusives. A higher weight of 3.0 was given to basin fill in Steptoe Valley to correct a problem of modeled basin fill heads that were too low in this area. *mp* ** explain*

Overall, changes to total recharge for each of the basins were generally within 15 percent of the reported rates. Recharge was reduced in basins with high modeled heads, and increased in basins with low modeled heads. It is highly unlikely that the recharge in all individual basins can be adjusted to match reported values within a narrower range than plus or minus 10 to 15 percent while still reasonably matching heads, spring flows and other basin budget components. As of July, 1994, the total modeled recharge into the northeast panel is 105 percent of the estimated total recharge to the northeast panel. *t*

Evapotranspiration

Development of initial evapotranspiration rates and distributions for each basin is described in the Basic Data Report (Stetson Engineers, 1993). Modeled maximum evapotranspiration rates are reported evapotranspiration rates and are the same for each evapotranspiration cell in a given basin, but are different for each basin in order to match reported evapotranspiration areas and rates. To prevent double accounting of discharge from basins with regional and intermediate springs, total evapotranspiration by basin is reduced by the regional and intermediate spring flow in each affected basin. The evapotranspiration area modeled and the number of evapotranspiration cells was not changed. The

estimated and simulated evapotranspiration data are presented in Table 4. The evapotranspiration areas and steady-state basin evapotranspiration rates for the northeast panel are shown in Figure 15. The data array of maximum evapotranspiration rates used as input in the steady-state model are presented in Appendix D.

The evapotranspiration rate is modeled as a decreasing function of depth to water from an upper water level elevation, called the "evapotranspiration surface elevation" to a lower water level elevation called the "extinction depth". In MODFLOW, the evapotranspiration rate decreases linearly from a maximum value, called the maximum evapotranspiration rate, which is at and above the evapotranspiration surface, to zero at the extinction depth. In nature the evapotranspiration surface elevation is at or near land surface and the extinction depth is approximately 50 feet below land surface.

In the basins represented by this panel of the model, evapotranspiration generally is associated with high ground water in the central portions of the basins. Some of these areas are wetlands, and there is open water in several of them. This would indicate that the evapotranspiration surface elevation in these basins should be at or very near ground surface in the central areas, and some known, increasing distance below ground elsewhere (this could be termed the physical evapotranspiration surface). It should be noted that outside of the central-basin wetland and open water areas, there is little information available for defining the physical evapotranspiration surface.

Although it is a theoretical calibration ideal to allow land surface to be used as the evapotranspiration surface, the calibration objective of matching modeled heads to target heads within 250 feet precludes this. A potential 250 foot head variation versus a 50 foot head interval over which evapotranspiration can occur requires the evapotranspiration

surface to be the simulated heads in order to model actual evapotranspiration. When the model is fully calibrated and fine-tuned, it may be possible in some areas that the calibrated, steady-state heads and physical evapotranspiration surfaces may closely match. However, given the limits of accuracy and scale of this model, it is unrealistic to expect a better match of these two values than within a few tens of feet in most cells.

The extinction depth was initially set at 10,000 feet below the evapotranspiration surface to provide stability during early model calibration runs. The 10,000 foot extinction depth forced the evapotranspiration rate to remain at the maximum rate during steady-state, non-pumping runs until the model could be stabilized. Once the model was sufficiently calibrated so that heads did not fluctuate during steady-state, non-pumping runs, the extinction depth was adjusted to a more realistic 50 feet. The 50-foot extinction depth was then used for the steady-state run with pumping, to allow the model to simulate the reduction or "capture" of evapotranspiration in areas in which pumping is expected to lower the water table.

The method used to model evapotranspiration was to set the maximum cell evapotranspiration rate equal to the cell average of the total reported evapotranspiration rate in a basin and to set the evapotranspiration surface equal to the modeled heads. An alternative method to model evapotranspiration would be to set the maximum cell evapotranspiration rate equal to the potential evapotranspiration rate and set the evapotranspiration surface equal to the surface elevation. To calibrate ^{the} reported evapotranspiration using the second method would be extremely time consuming. It is also very unlikely that the reported evapotranspiration could be modeled as well with the second method as it is using the current method. Also, the effect of pumping on evapotranspiration would not be any better simulated with the second method than it is with the current method. ^{to 987}

General Head Boundaries

General head boundaries are specified in all active cells along the perimeter of the model, in recognition of the fact that there are hydrologically active areas beyond the model perimeter that interact with areas inside the model. General head boundaries allow flow to occur into or out of the model at the location of general head boundary cells depending upon whether the head inside the model is greater or less than the head outside the model. General head boundary conductance regulates the rate of flow between the external source and the head in the cell. The location of the external source is arbitrary; the conductance represents the transmissivity of the material between the external source and the active cell. Under the present model configuration the heads were set to reflect head distributions based on Thomas and others (1986).

Development of general head boundary data for use with the model is described in the Basic Data report (Stetson Engineers, 1993). The locations of general head boundaries are specified for each model layer as shown in Figures 16 and 17. The general head boundary input data for the northeast panel is provided in Appendix E.

Net rates of flow across general head boundaries for the steady state model as of July, 1994 are shown in Figure 18. For example, the net rate for White River (207) is 3676 acre ft/yr into the basin from the general head boundary for steady-state conditions without pumping. It is calculated by subtracting the rate out of the basin to the general head boundary at 21,549 acre ft/yr from the rate in to the basin from the general head boundary at 25,225 acre ft/yr. In this case flow in is approximately equal to flow out. The figure is intended to show general trends and does not indicate the precise areas where flow occurs in or out. Table 5 shows the net rates of flow across general head boundaries for both steady state model flows with and without pumping.

General head boundaries are used to bound the northeast panel on all four sides. The general head boundaries on the west and south will be eliminated when the other panels of the model are joined with the northeast panel. The following discussion will relate to evaluation of the north and east general head boundaries of the northeast panel.

In general, the calculated flow across general head boundaries on the north side of the northeast panel are inconsistent with conceptual representations of flow in those areas. For example, in Snake basin the net flow across the general head boundary is into the model. Net flow across this model boundary should be out (Thomas and others, 1986). Examination of modeled heads in layer 1 and 2 (Figures 19 and 20) indicates flow out of the model at this boundary. Paradoxically, flow is shown into the model across the general head boundary. This contradiction is an artifact of the model. Flow across a general head boundary is proportional to the head difference between the head of the general head boundary and the head of the model cell to which it is attached. If the general head boundary head is even 1 foot higher than the head in the cell to which it is attached, flow will occur from the general head boundary to the model. Even areas of the model which meet calibration criteria (modeled heads within 250 of target heads) can exhibit flow across the model boundary in a incorrect direction. This is not serious and is expected to be alleviated by adjusting the general head boundary heads to be equal to calibrated heads or adjusting the general head boundaries by hand. Model results exhibit very little sensitivity to relatively large changes in general head boundary heads.

The general head boundary flows for the steady-state pumping run changed from the steady-state run without pumping, and the flow direction changed in one basin. A steady-state model run represents an infinite time period. Transient model runs with pumping will predict the time it will take for impacts to occur at the model boundary. Impacts caused by pumping to

the general head boundary flows along the north and east sides of the panel were within approximately 10 percent of the flows for the simulation without pumping. The impacts observed along the west and south sides of the model will be eliminated when the other model panels are combined.

STEADY-STATE RESULTS

Heads

Target heads are the head distribution used to calibrate the model. Target heads used are those of Thomas and others (1986). Calibration of the model involves comparison of the magnitude, shapes and trends of modeled heads to those of target heads and subsequent changes to model parameters to match the target heads. The simulated heads for layers 1 and 2 are shown in Figures 19 and 20, respectively. The simulated head values for each cell are provided in Appendix F.

Overall, the modeled, steady-state heads show a relatively good fit to the target heads and are, in approximately 80 percent of the model area, within 250 feet of Thomas and others (1986). It is strongly recommended that the criterion for judging the quality of the calibration of the DOI model be the comparison of modeled heads to heads presented in Thomas and others (1986). Comparison to an array of head values that were interpolated from sparse or absent data is misleading and inappropriate because it implies that the head at each and every cell is known with certainty. In some areas, such as in layer 2 in Beryl-Enterprise (280), South Spring (201), Wah Wah (256) and Pine (255) Valleys, target head data are absent. In other areas, there is good control on the target head data, such as in Steptoe Valley (179) in layer 1. An array of head values would require interpolation and extrapolation of head information to areas without data. Comparison of simulated heads to an

interpolated and extrapolated head array implies an unwarranted confidence in the interpolated and extrapolated data.

The focus of the calibration effort is to obtain a reasonable match to heads from Thomas and others (1986) for the Basin Fill Aquifer (layer 1) and the Consolidated Rock Aquifer (layer 2), and to match spring heads and flows in layer 2. The method used to check target heads against simulated heads is to check simulated heads against Thomas and others' (1986) heads basin by basin. The following is a discussion of how simulated heads in the northeast panel compare to Thomas and others' (1986) heads basin by basin for each layer:

Steptoe Valley (179).

Layer 1: Thomas and others (1986) display contours ranging from 5900 ft to 6900 ft. The DOI model displays contours ranging from 6000 to 6900. The pattern match of the contours is reasonable. Layer 2: Thomas and others (1986) display contours ranging from 6000 to 6800 feet. The DOI model displays contours from 6200 to 6800 feet. The pattern match is poor.

Spring Valley (184).

Layer 1: Thomas and others (1986) display contours ranging 5550 to 6900 feet. The DOI model displays contours ranging from 5200 to 5900 feet. The pattern match in the central and southern portions of the basin is good. The extreme northern portion of Spring Valley is where a poor absolute value and pattern match is located. Layer 2: Thomas and others (1986) display one data point and a 5800 foot contour line. The DOI model displays contours ranging from 5200 to 6000 feet. Insufficient data are available to evaluate the pattern match.

Tippett (185) and Deep Creek (253) Valleys.

Layer 1: Thomas and others (1986) display contours ranging from 5500 to 5700 feet with limited control points. The DOI model displays contours ranging from 5500 to 5800. The pattern match is reasonable. Layer 2: Thomas and others (1986) display no control points. The DOI model displays contours ranging from 5800 to 5400 feet. No control is available to evaluate the pattern match.

Snake Valley (254).

Layer 1: Thomas and others (1986) display contours ranging from 4300 to 6400 feet. The DOI model displays contours ranging from 4300 to 6100 feet. The pattern match is good except for the Hamlin portion of Snake Valley where a greater difference in head between the DOI model and Thomas

and others (1986) occurs. Layer 2: Thomas and others (1986) display contours ranging from 4400 to 5800 feet. The DOI model displays contours ranging from 4400 to 6000 feet. The pattern match is reasonable.

Fish Springs Valley (258).

Layer 1: Thomas and others (1986) display contours ranging from 4300 to 4400 feet. The DOI model displays contours ranging from 4200 to 4400 feet. The pattern match is good. Layer 2: Thomas and others (1986) display a single contour of 4400 feet, as does the DOI model. The pattern match is good.

Tule Valley (257).

Layer 1: Thomas and others (1986) display contours ranging from 4400 to 4600 feet. The DOI model displays contours ranging from 4300 to 4600. The pattern match is reasonable. Layer 2: Thomas and others (1986) display contours of 4400 and 4600 feet, as does the DOI model. The pattern match is reasonable.

White River Valley (207).

Layer 1: Thomas and others (1986) display contours ranging from 5000 to 6000 feet. The DOI model displays contours ranging from 5000 to 6300. The pattern match is reasonable. Layer 2: Thomas and others (1986) display contours ranging from 4800 to 6200. The DOI model displays contours ranging from 5000 to 6400. The pattern match is reasonable.

Cave Valley (180).

Layer 1: Thomas and others (1986) display contours ranging from 5700 to 6600. The DOI model displays contours ranging from 5100 to 6800. The pattern match is reasonable. Layer 2: Thomas and others (1986) display contours ranging from 5400 to 6200. The DOI model displays contours ranging from 5000 to 6600. The pattern match is reasonable.

Lake Valley (183), Patterson Valley (202), Panaca Valley (203), Dry Valley (198), Eagle Valley (199) and Rose Valley (200).

Layer 1: Thomas and others (1986) display contours ranging from 5300 to 6000 feet. The DOI model displays contours ranging from 5300 to 6100. The pattern match is marginal. Layer 2: Thomas and others (1986) display contours ranging from 5200 to 6200. The DOI model displays contours ranging from 5400 to 6200. The pattern match is poor.

Pine Valley (255).

Layer 1: Thomas and others (1986) display contours ranging from 4800 to 5400. The DOI model displays contours ranging from 5000 to 5400. The pattern match is good. Layer 2: Thomas and others (1986) display contours of 4000 and 5000 feet. However, Thomas and others (1986) display no data points. The DOI model displays contours of 5000 to 5800

feet. Insufficient data are available to evaluate the pattern match.

Wah Wah Valley (256).

Layer 1: Thomas and others (1986) display contours of 4400 to 4800 feet. The DOI model displays contours from 4600 to 4900. The pattern match is marginal. Layer 2: Thomas and others (1986) display contours of 4600 and 4800 feet. No data points are displayed. The DOI model displays contours of 4800 and 5000 feet. No control is available to evaluate the pattern match.

Pahroc Valley (208) and Dry Lake Valley (181).

Layer 1: Thomas and others (1986) display contours ranging from 4300 to 5300 feet. The DOI model displays contours ranging from 4500 to 5100 feet. The pattern match is good. Layer 2: Thomas and others (1986) display contours ranging from 4200 to 5600 feet. The DOI model displays contours ranging from 4600 to 5400. The pattern match is good.

South Spring Valley (201).

Layer 1: Thomas and others (1986) display contours ranging from 5900 to 6100. The DOI model displays contours of 5900 and 6000. The pattern match is good. Layer 2: Thomas and others (1986) display no data or contours. The DOI model displays contours of 5800 and 6000. Insufficient data are available to evaluate the pattern match.

Beryl-Enterprise (280).

Layer 1: Thomas and others (1986) displays contours ranging from 5100 to 5300 as does the DOI model. The pattern match is good. Layer 2: Thomas and others (1986) display no control for layer 2. The DOI model displays contours ranging from 5200 to 5800. Insufficient data are available to evaluate the pattern match.

Coal Valley (171).

Only a small portion of Coal Valley is in the northeast panel; therefore no comparison is presented.

Basin to Basin Flow

Net rates of flow between basins within the model as of July, 1994 are shown in Figure 18 for the steady-state model run without pumping. For instance, the net rate into Spring (184) Valley from Lake (183) Valley is 6393 acre ft/yr for steady state without pumping. The rate is calculated by subtracting the rate out of Spring Valley to Lake Valley at 1478 acre ft/yr

from the rate into Spring Valley from Lake Valley at 7871 acre ft/yr. The figure is intended to show general trends and does not indicate the precise areas where flow occurs into or out of each basin.

A comparison of modeled steady-state interbasin flows without pumping to three other estimates of these flows is presented in Table 6. Shown on this table are rates and flow directions from Harrill and others (1988), flow directions only from the Conceptual Modeling Report (Stetson Engineers, 1993), and rates and flow directions from the modeling performed by Prudic and others (1993). Overall, flow directions between basins in the steady-state model without pumping are similar to those presented by Harrill and others (1988). The rates differ randomly but are all within one order of magnitude. Modeled flow directions are in general agreement with those presented in the Conceptual Modeling Report (Stetson Engineers, 1993). Flow directions in the model are comparable to the results of modeling performed by Prudic and others (1993). In general, the modeled flow rates are greater than but within one order of magnitude of those simulated by Prudic and others (1993).

Table 7 shows the difference between the steady-state model basin to basin net flows with and without pumping. The table shows the net change in calculated interbasin flow for the steady-state simulation with pumping.

Summary Hydrologic Budget

Table 8 provides a summary of the modeled hydrologic budget. It presents recharge, evapotranspiration, general head boundary, and interbasin flows for the steady-state model run without pumping.

SIMULATION OF EXISTING AND LVVWD PUMPING

A steady-state run that includes estimated existing pumping and proposed Las Vegas pumping was made, and represents a scenario of potential impact on federal water rights and resources over a very long time period. An important consideration regarding the steady-state simulation with pumping is that it can provide order of magnitude estimates of potential impacts, but it is limited in its predictive capability. This is because of the absence in a steady-state run of a time frame which prevents simulation of the effect of storage changes due to increasing pumping over time and the later onset of proposed pumping by LVVWD. It also ignores LVVWD's pumping schedule which indicates pumping would be phased over a period of several years and discontinued in the year 2027, with pumping in Dry Lake Valley and Hidden Valley to be phased out before it begins in others (Stetson Engineers, 1993).

How long?

Pumping Data

A summary of the pumping data for the northeast panel is presented in Table 9. Figure 21 shows the location of the areas of existing pumping cells and LVVWD's proposed wells in the northeast panel. The existing pumping locations are represented as cells rather than wells because the existing pumping data were developed from land use. Actual existing pumping well locations are not known because an active pumping well inventory was beyond the scope and budget of this study.

The methods used to develop the existing pumping data and the results on a per basin and per cell basis are presented in detail in the Basic Data Report (Stetson Engineers, 1994). Table 9 shows only the amount of pumping in the northeast panel, which for some basins is only a portion of the basin total.

The existing pumping data represents consumptive use and not total pumping. This approach was used because the actual return flow from applied irrigation water probably could not be accurately simulated in a model of this scale and would require more assumptions regarding water use schedules for irrigation and other water uses. Appendix G contains a listing of existing pumping cells and proposed LVVWD wells by layer, row, and column in the model.

Results

The effects of pumping by basin on spring flow, evapotranspiration rates, general head boundary flow, and basin to basin flow are presented in Tables 2, 4, 5, 7. Table 10 summarizes the steady-state hydrologic budget with pumping. Figures 22 and 23 show the calculated drawdown due to existing and proposed LVVWD pumping. Appendix H contains data arrays of the modeled steady-state drawdowns with pumping. Reductions in modeled heads of up to 843 feet in Spring Valley in layer 1, and up to 743 feet in Spring Valley in layer 2 occurred as a result. Total spring discharge in the northeast panel of the DOI model was reduced by 16 percent, with one spring going dry. Evapotranspiration was reduced by 30 percent in the panel.

A map showing the location of the Federal water rights and resources is provided as Figure 24. The simulated potential impacts to Federal Water Rights and Resources are listed in Table 11. Many of the Federal water rights and resources in the mountains are believed to be part of local flow systems rather than the regional system; therefore, head declines reported for their locations are believed to be greater than actual impacts expected from pumping. Pumping drawdowns near the west and south perimeter of the model panel appear to be inducing flow from the general head boundaries. When all four panels are connected, general head boundaries will be removed at the panel interfaces, and pumping drawdowns are expected to be greater.

SENSITIVITY ANALYSIS

Early in the modeling process when the original configuration was in use, the recently developed USGS program MODFLOWP (Hill, 1992) was used to assess the sensitivity of the model. Impacts on modeled heads and flows due to changes in initial hydraulic conductivity, transmissivity, recharge and evapotranspiration data sets were evaluated. MODFLOWP results indicated that the model was most sensitive to recharge, then to evapotranspiration, and least sensitive to hydraulic parameters. Of the hydraulic parameters, the model was most sensitive to initial carbonate values, then to volcanic and basin fill values. Overall, the MODFLOWP results indicated that changes in recharge amount and distribution would cause more of a change in heads than would a change of comparable magnitude in hydraulic conductivity or transmissivity. Conductances for general head boundaries were manually varied by a minimum of three orders of magnitude with limited change in modeled heads except at the panel edges, indicating a lack of sensitivity to general head boundary conductance in the central area of the northeast panel.

Sensitivity runs have not yet been conducted for the present configuration of the model. It has been observed during the calibration process that the model appears to be more sensitive to recharge, layer 2 transmissivity, and vertical leakance than to evapotranspiration, general head boundary conductance and head, and layer 1 hydraulic conductivity. It is not anticipated that the sensitivities will be greatly different than those observed for the original configuration. However, it is recommended that a full sensitivity analysis be conducted upon calibration with the present configuration of the northeast panel of the DOI model.

CONCLUSIONS

Efforts through July, 1994 to calibrate the northeast panel of the DOI model have been relatively successful. As of July, 1994 the model is approximately 80 percent calibrated. It cannot be ensured that all aspects of the natural hydrologic system are being accurately replicated; however, the steady-state model is reasonably simulating the behavior of the system. All adjustments made for the purpose of calibration have been physically plausible, particularly given the lack of good data and the large uncertainty associated with the range of each of the major parameters. These adjustments have produced increasingly improved matches between the target and modeled heads. Further refinements are expected to be successful.

Using the new model configuration, and with adjustment of model parameters described in preceding sections, the model was calibrated to an acceptable preliminary level. Although additional fine-tuning will be required before the model calibration can be deemed complete, all results are within reasonable ranges, and this level of calibration has been achieved without adjustment of any parameters outside reasonable ranges.

The large size and number of grid cells in this model, the complexity of the system, and the lack of data were initially seen as potentially serious, if not fatal, obstacles to the success of this model. For the northeast panel, these obstacles have been overcome. The datasets for the other three panels of the DOI model are complete. Although each of these panels has some unique characteristics, all are sufficiently similar to the northeast panel that success in calibrating these models is also anticipated.

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TABLE 1. INITIAL HYDRAULIC PROPERTIES FOR THE DOI MODEL

Rock Type	Layer	Hydraulic Conductivity (ft/day)	
		Range	Median
Basin Fill	Layer 1	.02 - 140	74.00
Carbonate	Layer 2	0.01 - 940	6.3
Volcanic Rocks ¹ and Basin Fill	Layer 2	6.7 - 4.9×10^{-7}	-
Rhyolitic Lava Flows and Welded Tuff	Layer 2	0.037 - 5.6	0.17
Consolidated Clastic Rocks	Layer 2	0.006 - .01	0.02

¹ Volcanic rocks tested were rhyolite, partially to densely welded tuff and tuffaceous sediments.

TABLE 2. SPRING DATA AND STEADY-STATE MODEL RESULTS FOR THE NORTHEAST PANEL

SPRING NO.	SPRING	BASIN	PANEL ROW	PANEL COL	ACTUAL SURFACE ELEVATION (MSL)	MODELED SURFACE ELEVATION (MSL)	REPORTED SPRING RATE (AF/YR)	MODELED WITHOUT PUMPING (AF/YR)	MODELED WITH PUMPING (AF/YR)
1	GEYSER RANCH SPRING COMPLEX	Lake (183)	79	22	6000	5825	2258	1524	0
2	EMIGRANT SPRINGS	White River (207)	84	5	5400	5400	1370	629	160
3	MORMAN SPRING	White River (207)	86	2	5295	5295	592	454	411
4	HOT CREEK SPRING	White River (207)	98	3	5225	5025	8567	5594	5119
5	MOON RIVER SPRINGS	White River (207)	100	2	5220	5025	2904	1728	1286
7,6	WILSON HOT & NORTH SPRINGS	Fish Springs (258)	2	61	4298,4303	4250	5226	2835	2575
8	SCHOOLHOUSE SPRING	Steptoe (179)	36	10	6280	6280	726	862	743
9	TULE & TULE	Tule (257)	33	63	4420	4420	368	186	171
10	WALTER SPRING	Fish Springs (258)	4	62	4308	4250	242	145	125
11	DEADMAN SPRING	Fish Springs (258)	3	62	4310	4250	161	475	424
14,12, 18,13	LOST & HOUSE & THOMAS & MID.	Fish Springs (258)	5	63	4315 ¹ ,4310	4225	15728	13862	13555
15,16	SOUTH & PERCY SPRINGS	Fish Springs (258)	6	63	4310,4315	4250	8550	3342	3081
17	MONTNEVA HOT SPRING	Steptoe (179)	25	6	6030	6030	1516	1444	1412
20	BUTTERFIELD SPRING	White River (207)	94	8	5320	5150	1997	2715	1266
21	CAMBELLS EMBAYMENT SPRINGS	Steptoe (179)	33	2	6100	6100	4678	4882	4827
22	LACKAWANNA SPRING	Steptoe (179)	47	7	6300	6300	218	210	195
23	MCGILL SPRING	Steptoe (179)	39	9	6100	6100	7420	8156	7897
24	WARM SPRING	Snake (254)	31	42	5250	4650	5791	3522	2029
25	FLATNOSE SPRING	Dry (198)	118	47	5515	5515	645	592	79
26	PRESTON BIG SPRING	White River (207)	68	1	5700	5700	6106	6466	5374
27	ARNOLDSON SPRING	White River (207)	69	2	5625	5625	2413	2283	1947
28,19	NICHOLAS & COLD SPRINGS	White River (207)	68	2	5625,5650	5650	2847	2656	2317
29	TWIN	Snake (254)	32	49	4912	4550	2904	6434	4447

¹ The first three springs have the same reported elevation.

TABLE 3. RECHARGE DATA AND STEADY-STATE MODEL RESULTS FOR THE NORTHEAST PANEL

BASIN	REPORTED BASIN RECHARGE (AF/YR)	PERCENTAGE OF BASIN RECHARGE IN PANEL	RECHARGE IN NORTHEAST PANEL (AF/YR)	MODELED RECHARGE (AF/YR)
Steptoe (179)	85000	85	72250	72250
Spring (184)	75000	100	75000	80000
Tippett (185)	6900	100	6900	6500
Deep Creek (253)	17000	50	8500	8300
Snake (254)	100000	100	100000	118000
Fish Springs (258)	4000	100	4000	4000
Tule (257)	7600	100	7600	7600
White River (207)	38000	50	19000	20000
Cave (180)	14000	100	14000	15500
Lake (183)	13000	100	13000	14500
Pine (255)	21000	100	21000	21000
Wah Wah (256)	7000	100	7000	5000
Pahroc (208)	2200	50	1100	1000
Dry Lake (181)	5000	50	2500	2500
Patterson (202)	6000	100	6000	5000
S. Spring (201)	10000	100	10000	11000
Beryl-Ent. (280)	31000	55	17050	15000
Eagle (200)	1160	100	1160	135
Rose (199)	120	100	120	14
Dry (198)	1500	65	975	500
Panaca (203)	1740	5	87	100
Coal (171)	2000	15	300	300

TABLE 4. EVAPOTRANSPIRATION DATA AND STEADY-STATE MODEL RESULTS FOR THE NORTHEAST PANEL

BASIN	REPORTED BASIN ET (AF/YR)	PERCENTAGE OF BASIN ET IN PANEL	ET IN PANEL WITH SPRING DISCHARGE (AF/YR)	SPRING DISCHARGE IN PANEL (AF/YR)	ET IN PANEL WITHOUT SPRING DISCHARGE (AF/YR)	MODELED ET WITHOUT PUMPING (AF/YR)	MODELED ET WITH PUMPING (AF/YR)
Step toe (179)	70000	90	63000	14300	48700	47840	43467
Spring (184)	70000	100	70000	0	70000	70000	22567
Tippett (185)	0	100	0	0	0	0	0
Deep Creek (253)	15000	57	8500	0	8500	8500	8235
Snake (254)	80000	100	80000	8700	71300	81300	56864
Fish Springs (258)	35000	100	35000	29900	5100	5000	5000
Tule (257)	40000	100	40000	370	39630	39600	39238
White River (207)	34000	100	34000	26800	7200	7200	6405
Cave (180)	200	100	200	0	200	200	105
Lake (183)	8500	100	8500	2260	6240	6200	268
Pine (255)	7000	100	7000	0	7000	7000	5477
Wah Wah (256)	1500	100	1500	0	1500	1500	1225
Pahroc (208)	0	100	0	0	0	0	0
Dry Lake (181)	0	100	0	0	0	0	0
Patterson (202)	80	0	0	0	0	0	0
S. Spring (201)	1030	100	1030	0	1030	1030	0
Beryl-Ent. (280)	31000	100	31000	0	31000	31000	28249
Eagle (200)	420	100	420	0	420	500	0
Rose (199)	730	100	730	0	730	40	0
Dry (198)	1530	100	1530	650	880	0	0
Panaca (203)	5000	0	0	0	0	0	0
Coal (171)	50	0	0	0	0	0	0

TABLE 5. SUMMARY OF GENERAL HEAD BOUNDARY

STEADY-STATE MODEL RESULTS FOR THE NORTHEAST PANEL

BASIN	NET MODELED FLOW WITHOUT PUMPING ACROSS GENERAL HEAD BOUNDARY (AF/YR)		NET MODELED FLOW WITH PUMPING ACROSS GENERAL HEAD BOUNDARY (AF/YR)	
Steptoe (179)	35383	IN	36503	IN
Spring (184)	-		-	
Tippett (185)	2260	IN	2454	IN
Deep Creek (253)	7592	OUT	7258	OUT
Snake (254)	9116	IN	9944	IN
Fish Springs (258)	8927	IN	9144	IN
Tule (257)	18986	OUT	16921	OUT
White River (207)	3676	IN	10282	IN
Cave (180)	-		-	
Lake (183)	-		-	
Pine (255)	-		-	
Wah Wah (256)	26093	OUT	24128	OUT
Pahroc (208)	21922	OUT	20966	OUT
Dry Lake (181)	10780	OUT	9091	OUT
Patterson (202)	1834	OUT	1339	OUT
S. Spring (201)	-		-	
Beryl-Ent. (280)	8168	IN	13165	IN
Eagle (200)	-		-	
Rose (199)	-		-	
Dry (198)	4574	OUT	245	OUT
Panaca (203)	575	OUT	1413	IN
Coal (171)	5445	OUT	3209	OUT

TABLE 6. COMPARISON OF SIMULATED NET INTERBASIN FLOW WITH REPORTED VALUES FOR THE NORTHEAST PANEL

BASIN INTERFACE	W&EST MODELED INTERBASIN FLOW WITHOUT PUMPING (AF/YR)			HARRILL'S 1988 REPORTED INTERBASIN FLOW (AF/YR)		STETSON CONCEPTUAL MODEL (1993) INTERBASIN FLOW DIRECTION	PRUDIC'S 1993 MODELED FLOW ⁶ (AF/YR)		
Steptoe - Spring	26841	=>		-		=>	5882	=>	
Steptoe - Tippet	1644	=>		-		-	1722	=>	Steptoe - Tippet & Antelope
Steptoe - White River	11544	=> ¹		-		=>	6435	=>	
Steptoe - Cave	1140	=>		-		-	1956	=>	
Steptoe - Lake	3057	=>		-		-	55	=>	
Spring - Tippet	5976	=>		2000	<=	-	6139	=>	Spring - Tippet & Antelope
Spring - Snake	37251	=>		4000	=>	=>	851	=>	
Spring - Lake	6393	<=		-		-	2387	<=	
Tippet - Deep Creek	15443	=>		2000	=>	=>	1582	=>	Tippet & Antelope - Deep Creek
Tippet - Snake	936	=>		-		-	630	<=	
Deep Creek - Snake	7651	=> ¹		-		-	5533	<=	
SNAKE - Fish Springs	11666	=> ¹		?	=>	-	6795	=>	
SNAKE - Tule	43724	=>		42000	=> ²	<=	28628	=>	
SNAKE - Lake	76	=>		-		-	1137	<=	
SNAKE - Pine	12237	=>		11000	<= ³	<=	3224	<=	
SNAKE - Wah Wah	6277	=>		8500	<= ⁴	-	1816	<=	
SNAKE - S. Spring	1656	=>		-		-	1235	=>	SNAKE - S. Spring & Patterson
SNAKE - Beryl-Ent.	5562	=>		-		-	3167	=>	
SNAKE - Eagle	0			-		-			Not connected in Prudic's Zone Division
SNAKE - Dry	497	=>		-		-			Not connected in Prudic's Zone Division
Fish Springs - Tule	1078	<=		27000	<=	<=	21381	<=	
Tule - Wah Wah	8518	<=		8500	<= ⁴	<=	17859	<=	
White River - Cave	9235	<=		14000	<=	<=	19934	<=	
White River - Pahroc	11163	=>		40000	=>	-	23119	=>	White River - Dry Lake, Delamar & Pahroc
White River - Coal	3552	=> ¹		-		-	1190	=>	White River - Garden & Coal
Cave - Lake	365	=>		-		=>	4346	<=	
Cave - Pahroc	3104	=>		-		=>	262	=>	Cave - Dry Lake, Delamar & Pahroc
Cave - Dry Lake	3736	=>		-		=>	262	=>	Cave - Dry Lake, Delamar & Pahroc

Table 6 continued

BASIN INTERFACE	W&EST MODELED INTERBASIN FLOW WITHOUT PUMPING (AF/YR)		HARRILL'S 1988 REPORTED INTERBASIN FLOW (AF/YR)		STETSON CONCEPTUAL MODEL (1993) INTERBASIN FLOW DIRECTION	PRUDIC'S 1993 MODELED FLOW ⁶ (AF/YR)		
Lake - Dry Lake	3688	=>	-		-	2168	=>	Lake - Dry Lake, Delamar & Pahroc
Lake - Patterson	3476	=>	3000	=>	-	2303	<=	Lake - Spring & Patterson
Lake - S. Spring	3283	<=	-		-	2303	<=	Lake - Spring & Patterson
Pine - Wah Wah	20679	=>	3000?	=> ³	-	5919	=>	
Pine - Beryl-Ent.	5557	=>	-		-	2047	=>	
Wah Wah - Beryl-Ent.	4154	<=	-		-	365	<=	
Pahroc - Dry Lake	8247	<= ¹	-		-			Same Zone in Prudic's Zone Division
Pahroc - Coal	1593	=> ¹	-		<=	856	=>	Dry Lake, Delamar & Pahroc - Garden & Coal
Dry Lake - Patterson	8731	<=	-		<=	2161	<=	Dry Lake, Delamar & Pahroc - Spring & Patterson
Dry Lake - Panaca	371	<= ¹	-		-	1040	<=	Dry Lake, Delamar & Pahroc - Clover, Panaca, Dry, Eagle & Rose
Patterson - S. Spring	4230	<=	-		-			Same Zone in Prudic's Zone Division
Patterson - Eagle	217	<=	-		-	12972	=>	Spring & Patterson - Panaca, Clover, Eagle, Rose & Dry
Patterson - Rose	91	<=	-		-	12972	=>	Spring & Patterson - Panaca, Clover, Eagle, Rose & Dry
Patterson - Dry	1602	=> ¹	-		-	12972	=>	Spring & Patterson - Panaca, Clover, Eagle, Rose & Dry
Patterson - Panaca	846	=> ¹	9000	=>	-	12972	=>	Spring & Patterson - Panaca, Clover, Eagle, Rose & Dry
S. Spring - Eagle	4112	=>	M	=> ³	=>	12972	=>	Spring & Patterson - Panaca, Clover, Eagle, Rose & Dry
Beryl-Ent. - Dry	845	<= ¹	-		-	899	=>	Beryl-Ent. - Panaca, Clover, Eagle, Rose & Dry
Eagle - Rose	2418	=>	-		=>			Same Zone in Prudic's Zone Division
Eagle - Dry	1112	=>	-		-			Same Zone in Prudic's Zone Division
Rose - Dry	2301	=>	-		=>			Same Zone in Prudic's Zone Division

¹ Only part of the interface is located in the northeast panel of the model.² Also reported as 22,000 or 33,000 acre ft/yr.³ Total of 11,000 acre ft/yr flowing out of Pine into Snake and northern Wah Wah.⁴ Total of 8500 acre ft/yr flowing out of Wah Wah into Snake and Tule.⁵ M=minor⁶ Prudic's zone designation is different than basin designations. It is listed where it is different.

TABLE 7. SUMMARY OF SIMULATED NET INTERBASIN FLOW IN THE NORTHEAST PANEL

BASIN INTERFACE	MODELED NET INTERBASIN FLOW WITHOUT PUMPING (AF/YR)		MODELED NET INTERBASIN FLOW WITH PUMPING (AF/YR)	
Steptoe-Spring	26841	=>	29248	=>
Steptoe-Tippett	1644	=>	1641	=>
Steptoe-White River	11544	=>	11263	=>
Steptoe-Cave	1140	=>	1020	=>
Steptoe-Lake	3057	=>	3171	=>
Spring-Tippett	5976	=>	5975	=>
Spring-Snake	37251	=>	31625	=>
Spring-Lake	6393	<=	9651	<=
Tippett-Deep Creek	15443	=>	15339	=>
Tippett-Snake	936	=>	949	=>
Deep Creek-Snake	7651	=>	7738	=>
Snake-Fish Springs	11666	=>	10932	=>
Snake-Tule	43724	=>	41727	=>
Snake-Lake	76	=>	77	=>
Snake-Pine	12237	=>	8354	=>
Snake-Wah Wah	6277	=>	5146	=>
Snake-S. Spring	1656	=>	1903	=>
Snake-Beryl-Ent.	5562	=>	5195	=>
Snake-Eagle	0		68	=>
Snake-Dry	497	=>	428	=>
Fish Springs-Tule	1078	<=	1161	<=
Tule-Wah Wah	8518	<=	7835	<=
White River-Cave	9235	<=	6748	<=
White River-Pahroc	11163	=>	12001	=>
White River-Coal	3552	=>	4401	=>
Cave-Lake	365	=>	794	=>
Cave-Pahroc	3104	=>	2855	=>
Cave-Dry Lake	3736	=>	4029	=>
Lake-Dry Lake	3688	=>	2744	=>
Lake-Patterson	3476	=>	1878	=>
Lake-S. Spring	3283	<=	3851	<=
Pine-Wah Wah	20679	=>	19138	=>
Pine-Beryl-Ent.	5557	=>	5275	=>
Wah Wah-Beryl-Ent.	4154	<=	4222	<=
Pahroc-Dry Lake	8247	<=	7992	<=
Pahroc-Coal	1593	=>	1474	=>
Dry Lake-Patterson	8731	<=	7214	<=
Dry Lake-Panaca	371	<=	326	<=
Patterson-S. Spring	4230	<=	4981	<=
Patterson-Eagle	217	<=	842	<=
Patterson-Rose	91	<=	312	<=
Patterson-Dry	1602	=>	1278	=>
Patterson-Panaca	846	=>	1182	<=
S. Spring-Eagle	4112	=>	3371	=>
Beryl-Ent.-Dry	845	<=	126	<=
Eagle-Rose	2418	=>	2067	=>
Eagle-Dry	1112	=>	505	=>
Rose-Dry	2301	=>	1326	=>

TABLE 8. SUMMARY STEADY-STATE HYDROLOGIC BUDGET FOR THE NORTHEAST PANEL
RATES ARE IN ACRE FT/YEAR

BASIN	#	RECHARGE IN	GHB IN	INTERBASIN FLOW IN	TOTAL IN	SPRINGS OUT	ET OUT	GHB OUT	INTERBASIN FLOW OUT	TOTAL OUT
Steptoe	179	72249	39518	3439	115206	15564	47842	4135	47665	115206
Spring	180	79999	0	54672	134671	0	70007	0	64664	134671
Tippett	185	6500	5721	22643	34864	0	0	3461	31403	34864
Deep Creek	253	8300	593	16477	25370	0	8499	8185	8686	25370
Snake	254	117997	9562	82341	209900	9961	81299	446	118194	209900
Fish Springs	258	4000	9017	14158	27175	20671	5000	90	1414	27175
Tule	257	7600	1794	68794	78188	186	39593	20780	17629	78188
White River	207	20000	25225	25021	70246	22539	7199	21549	18957	70244
Cave	180	15500	0	7513	23013	0	200	0	22814	23014
Lake	183	14500	0	11067	25567	1525	6199	0	17843	25567
Pine	255	21000	0	29361	50361	0	7000	0	43361	50361
Wah Wah	256	5000	971	37975	43946	0	1500	27064	15382	43946
Pahroc	208	1000	0	28482	29482	0	0	21922	7560	29482
Dry Lake	181	2500	14669	18927	36096	0	0	25449	10647	36096
Patterson	202	5000	0	11131	16131	0	0	1834	14297	16131
S. Spring	201	11000	0	2337	13337	0	1030	0	12307	13337
Beryl-Ent.	280	15000	30435	14043	59478	0	30978	22267	6233	59478
Eagle	200	135	0	5238	5373	0	500	0	4873	5373
Rose	199	14	0	3546	3560	0	40	0	3520	3560
Dry	198	500	2214	7996	10710	592	0	6788	3330	10710
Panaca	203	100	1320	1567	2987	0	0	1895	1092	2987
Coal	171	300	12637	8798	21735	0	0	18082	3653	21735

TABLE 9. SUMMARY OF PROPOSED PUMPING BY LVVWD AND EXISTING PUMPING FOR THE NORTHEAST PANEL

Basin Name and Number		LVVWD			Existing ¹ (afy)	Basin Total (afy)
		Layer 1 (afy)	Layer 2 (afy)	Total (afy)		
Coal Valley ²	171	1,125	1,875	3,000	0	3,000
Steptoe Valley ²	179				3,390	3,390
Cave Valley	180	750	1,250	2,000	22	2,022
Dry Lake Valley	181				46	46
Lake Valley	183				10,000	10,000
Spring Valley	184	38,095	11,905	50,000	9,000	59,000
Dry Valley ²	198				3,600	3,600
Rose Valley	199				450	450
Eagle Valley	200				200	200
Spring Valley	201				800	800
Patterson Valley	202	1,500	2,500	4,000	500	4,500
White River Valley ²	207				7,650	7,650
Pahroc Valley ²	208	1,290	484	1,774	0	1,774
Deep Creek Valley	253				500	500
Snake Valley	254	10,714	14,286	25,000	7,945	32,945
Pine Valley	255				5	5
Wah Wah Valley	256				170	170
Tule Valley	257				30	30
Fish Springs Flat	258				10	10
Beryl-Enterprise Area ²	280				6,206	6,206
Northeast Panel Total		53,475	32,299	85,774	50,524	136,298

¹ - All existing pumping is from the layer 1

² - Portion of basin in northeast panel

TABLE 10. SUMMARY STEADY-STATE HYDROLOGIC BUDGET FOR THE NORTHEAST PANEL WITH PUMPING
RATES ARE IN ACRE FT/YEAR

BASIN	#	RECHARGE IN	GHB IN	INTERBASIN FLOW IN	TOTAL IN	WELLS OUT	SPRINGS OUT	ET OUT	GHB OUT	INTERBASIN FLOW OUT	TOTAL OUT
Steptoe	179	72249	40219	3400	115868	3390	15083	43467	3716	49743	115399
Spring	180	79999	0	62515	142514	59000	0	22567	0	61215	142782
Tippett	185	6500	5885	22685	35070	0	0	0	3431	31358	34789
Deep Creek	253	8300	667	16348	25315	500	0	8235	7925	8748	25408
Snake	254	117997	10383	78923	207303	32945	6480	56864	439	112435	209163
Fish Springs	258	4000	9226	13477	26703	10	19772	5000	82	1384	26248
Tule	257	7600	1863	66091	75554	30	171	39238	18784	17691	75914
White River	207	20000	28669	23001	71670	7650	17891	6405	18387	21391	71724
Cave	180	15500	0	7789	23289	2022	0	105	0	21193	23320
Lake	183	14500	0	12059	26559	10000	0	268	0	18438	28706
Pine	255	21000	0	25632	46632	5	0	5477	0	41691	47173
Wah Wah	256	5000	1211	34685	40896	170	0	1225	25339	14012	40746
Pahroc	208	1000	0	29320	30320	1774	0	0	20966	7946	30686
Dry Lake	181	2500	15188	16621	34309	46	0	0	24279	10299	34624
Patterson	202	5000	0	12321	17321	4500	0	0	1339	11618	17457
S. Spring	201	11000	0	2475	13475	800	0	0	0	12774	13574
Beryl-Ent.	280	15000	32060	12775	59835	6206	0	28249	18895	6403	59753
Eagle	200	135	0	4889	5024	200	0	0	0	4864	5064
Rose	199	14	0	3782	3796	450	0	0	0	3353	3803
Dry	198	500	4104	6674	11278	3600	79	0	4349	3262	11290
Panaca	203	100	2460	346	2906	0	0	0	1047	1854	2901
Coal	171	300	13405	9428	23133	3000	0	0	16614	3553	23167

**TABLE 11. POTENTIAL IMPACTS TO FEDERAL BUREAUS' WATER RIGHTS
STEADY-STATE NORTHEAST MODEL PANEL WITH PUMPING**

HYDROGRAPHIC BASIN	FED. BUREAU WATER RIGHT/WATER RESOURCE		HEAD DECLINE (FT)	MODEL ROW	MODEL COL
	NAME	GIS ID			
STEPTOE (179)	The Fly Band reservation	246	23.8	49	7
CAVE (180)	MX CAVE WELL	21	43.1	91	14
	CAVE VALLEY WELL	20	45.8	92	14
	SIDEHILL SPRING	22	50.2 ¹	94	18
DRY LAKE (181)	APW WELL	30	23.3	113	21
	BRISTOL RES. (SPRING)	29	21.7	114	22
	SIMPSON WELL	28	6.0	120	24
LAKE (183)	PONEY WELL	39	203.2	93	26
	MENDENHALL WELL	42	254.5	95	26
	SPRING	38	257.1	96	26
	SPRING	41	276.4	96	30
	NEW PONEY SPRING WELL	40	290.9	97	27
SPRING (184)	SPRING	126	202.8	45	23
	INDIAN SPRING	131	271.1 ¹	46	21
	INDIAN SPRING	129	271.1 ¹	46	21
	UNNAMED SPRING	130	349.9 ¹	47	21
	ROCK SPRINGS	134	199.2	49	28
	UNNAMED SPRING	125	227.1	52	24
	WELL	127	266.6	56	26
	JOHN HENRY WASH WELL	128	189.7	61	23
	INDIAN SPRING N. WELL	132	259.5	75	31
	JOHN WASH WELL	136	261.6	76	33
	DEEP SPRINGS	135	245.2 ¹	80	31
	WELL	133	323.3	80	33
PATTERSON (202)	BRUCLAND WELL	44	155.0	108	36
	FIFTEEN MILE WELL	45	157.6	109	32
	EIGHT MILE WELL	43	157.6	112	35
	TREASURE HILL SPRING	48	73.5 ¹	118	37
PANACA (203)	CONNOR #2	47	22.5 ¹	120	32
	CONNOR SPRING	46	41.0 ¹	120	33
	CONNOR SEEP	50	41.0 ¹	120	33
	PINE SPRING	49	41.0 ¹	120	33
PAHROC (208)	GRISWALD WELL	62	20.7	110	8
	EAPLIN WELL	61	24.1	111	10
	WHITE RIVER WELL	57	29.2	113	12
DEEP CREEK (253)	Two irrigation wells	121	0.8	1	37
	Irrigation well	122	0.8	1	37
	seepage to West Deep Creek	115	7.5	2	34
	Irrigation well	119	1.4	2	37
	Irrigation well	117	1.4	2	37
	seepage to East Deep Creek	116	1.4	2	37
	Irrigation well	120	1.4	2	37
	Irrigation well	118	2.7	3	37
	seepage to East Deep Creek	116	2.4	6	38
	Water development plans	124	3.2 ¹	10	37
	Spring	114	3.7	11	32
SNAKE (254)	LIME SPRING	146	9.1	19	43
	COYOTE SPRING	150	9.2	23	42
	UNNAMED SEEPS	157	7.2	28	44
	SALT MARSH SEEP	148	7.2	28	44
	SALT MARSH LAKE COMPLEX	147	6.7	28	45
	WARM CROOK	159	4.8	31	42
	WARM CROOK	159	5.3	31	43
	TWIN SPRINGS	149	6.0	32	48
	DAVE'S SPRING	151	8.9	35	42
	SMITH CREEK WELL	168	12.9	36	43

Table 11 continued

HYDROGRAPHIC BASIN	FED. BUREAU WATER RIGHT/WATER RESOURCE		HEAD DECLINE (FT)	MODEL ROW	MODEL COL
	NAME	GIS ID			
SNAKE (254) cont.	NORTH KNOLLS SPRING	156	12.3	40	49
	MIDDLE KNOLL SPRING	154	11.2	41	48
	ROBINSON RANCH WELL	166	13.0	42	45
	KNOLL SPRING	153	15.0	42	49
	KANE SPRING	152	30.7	48	45
	ESKDALE WELL	163	36.4	49	44
	WEST BUCKSKIN WELL	169	41.7 ¹	50	49
	SHELL-BAKER CREEK WELL	167	41.7	54	44
	FERG. DES. HARDPAN WELL	164	37.8	54	53
	FERGUSON WELL	165	38.7	54	55
	EIGHT MILE POINT WELL	162	29.9	55	51
	UNNAMED SPRING	141	134.0	56	38
	Well	186	167.2	56	40
	Lehman Creek	189	155.2 ¹	57	35
	Lehman Caves	187	148.5 ¹	57	36
	Cave Springs	188	148.5 ¹	57	36
	Baker Creek	190	142.8 ¹	59	36
	WINDMILL WELL	143	95.4	59	43
	SNAKE CREEK CAVE (SPRING)	137	102.5	61	44
	Snake Creek	191	142.4 ¹	62	37
	LAKE CREEK	158	78.9	63	49
	LAKE CREEK	158	78.9	63	49
	DAVIES WELL	160	80.5	67	47
	DAVIS WELL	161	65.4	69	50
	NEEDLE POINT SPRING	155	76.5	70	47
	SPRING	139	133.3	71	44
	WELL	140	114.4	71	45
	SPRING	138	149.6	72	43
	SPRING	142	123.7	75	45
	UNNAMED WELL	145	125.1	76	46
	MILLER CROSSING WELL	144	155.9	79	45
	SCRAPER SPRINGS	175	85.7 ¹	87	53
	RYAN SPRING	178	64.6 ¹	92	55
	N.W. RIPGUT SPRING	182	88.1 ¹	97	51
	SALT CABIN SPRING	180	54.3 ¹	97	58
	MERRILLS CAMP SPRING	179	51.9 ¹	99	60
	ATCHISON CREEK	177	62.4	100	57
	BIG BASKET SPRING	181	54.5 ¹	102	60
	PIPELINE SPRING	170	55.1	103	61
	CHOKE CHERRY CREEK	174	78.3 ¹	108	53
	WEST BUTCHER SPRING	184	68.2 ¹	109	55
	SPANISH GEORGE SPRING	172	56.3	109	62
	JOHNNIE CANYON CREEK	176	61.7 ¹	111	54
	RICE CANYON CREEK	185	61.7 ¹	111	54
	STATELINE SPRING	183	59.5 ¹	111	55
	BANNION SPRING	173	40.6 ¹	111	62
	LOWER PINE CREEK SPRING	171	54.2 ¹	112	55
FISH SPRINGS (258)	NORTH SPRING	267	0.9 ¹	3	62
	DEADMAN SPRING	270	0.8	3	63
	WALTER SPRING	271	1.0 ¹	4	62
	LOST SPRING	276	0.7 ¹	5	62
	HOUSE SPRING	272	0.8	5	63
	THOMAS SPRING	274	0.8	5	63
	CRATER SPRING	275	0.8	5	63
	MIRROR SPRING	273	0.8	5	63
	MIDDLE SPRINGS	269	0.8	5	63
	SOUTH SPRING	268	1.1	6	63
	SOUTH SPRING	278	1.1	6	63
	PERCY SPRING	277	1.1	6	63

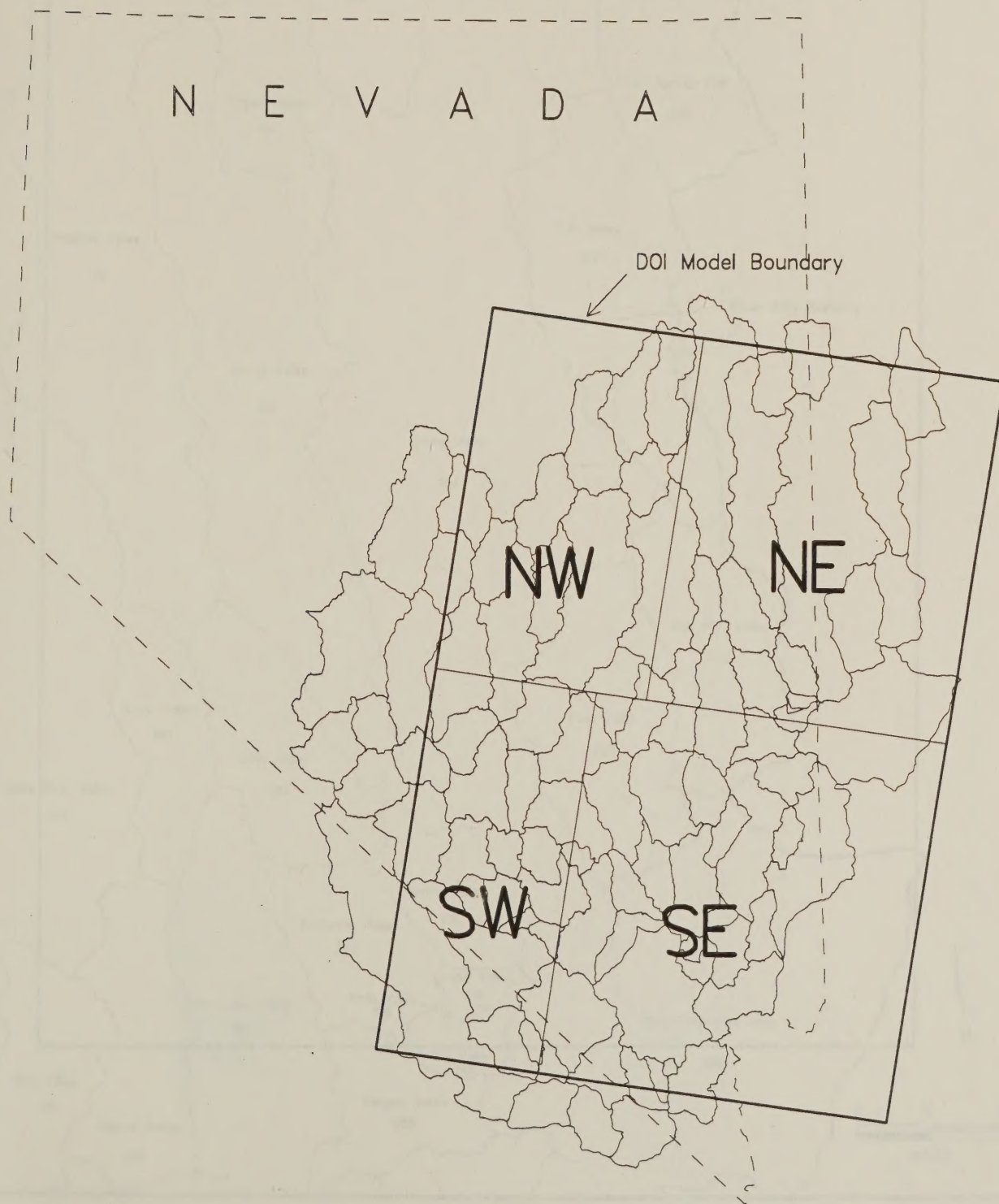
¹ The head decline shown is for the regional consolidated rock carbonate aquifer. The listed water right is in the mountains and considered to be part of a local flow system. The head decline is believed to be greater than the actual impact to the right.

FIGURES

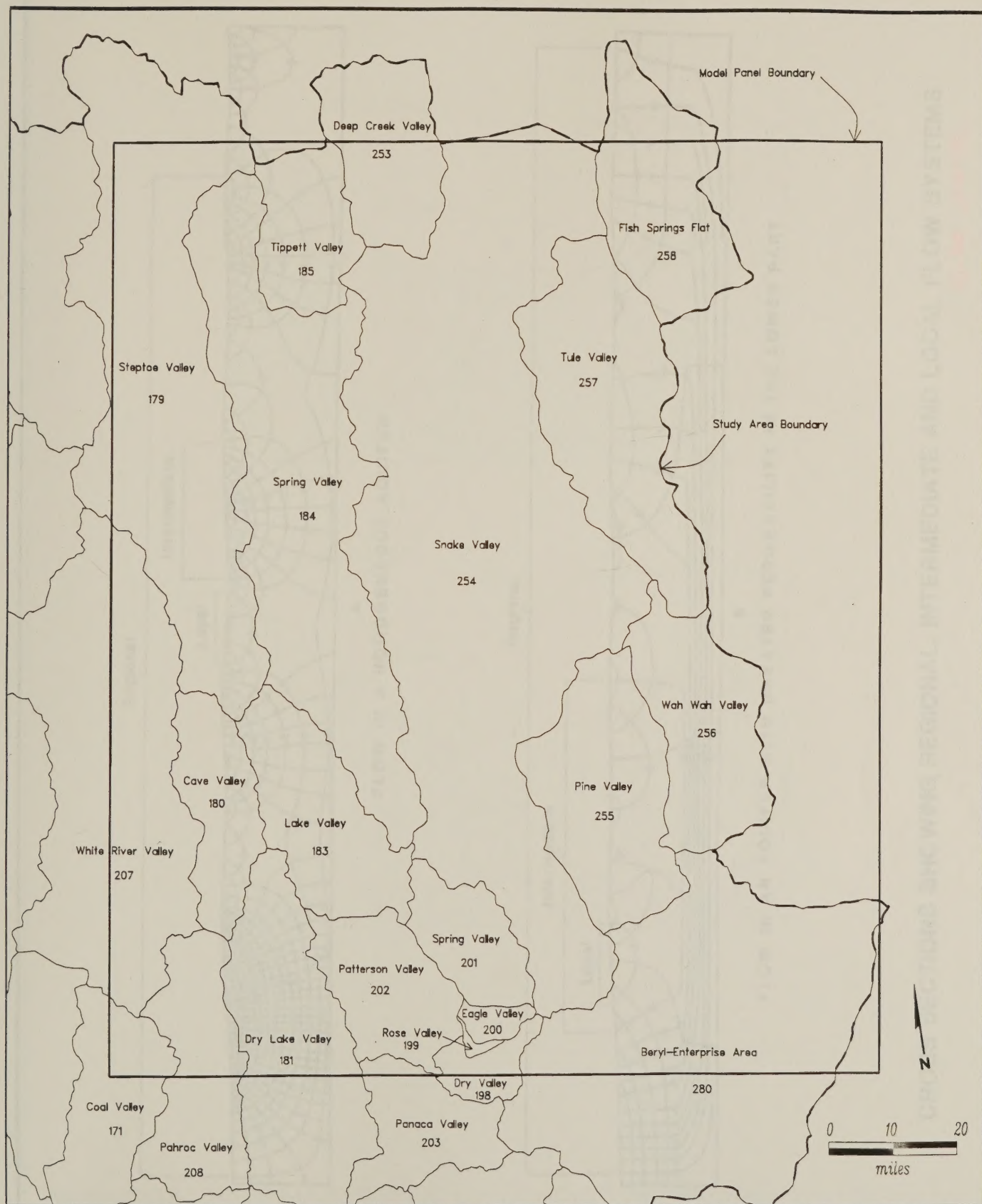
LIST OF FIGURES

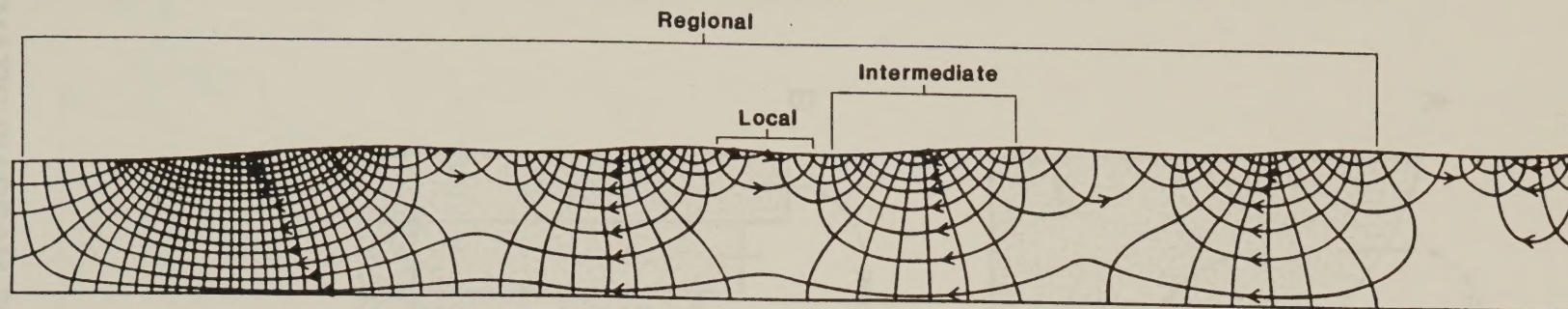
1. Location of the DOI Model Domain and Panel Configuration
2. Hydrographic Areas of the Northeast Model Panel
3. Cross-Sections Showing Regional, Intermediate and Local Flow Systems
4. Schematic Diagrams Showing (A) Conceptual Groundwater Flow and (B) Present Model Configuration
5. Thickness of Basin Fill
6. Elevation of the Top of the Carbonate Rocks
7. Location of Inactive Cells (shaded) in Model Layer 1
8. Basin Boundaries as Simulated and Outside Boundary of Active Cells in Layer 2
9. Generalized Geologic Map of the Northeast Model Panel
10. Hydraulic Conductivity of Layer 1
11. Transmissivity of Layer 2
12. (A) Frequency of Hydraulic Conductivity in Layer 1 and (B) Frequency of Transmissivity in Layer 2.
13. Simulated Springs of the Northeast Model Panel
14. Simulated Recharge Rate by Layer (Layer 2 is shaded)
15. Evapotranspiration Areas and Rates of NE Panel
16. Location of General Head Boundaries for Layer 1
17. Location of General Head Boundaries for Layer 2
18. Net Flow Direction and Net Rate between Basins and across Boundaries
19. Simulated Steady-State Head for Layer 1 without Pumping
20. Simulated Steady-State Head for Layer 2 without Pumping
21. Proposed Las Vegas Wells and Existing Pumping Cells of the Northeast Model Panel
22. Drawdown in Layer 1 with Pumping
23. Drawdown in Layer 2 with Pumping
24. Federal Water Rights and Resources of the Northeast Model Panel

Location of the DOI Model Domain and Panel Configuration

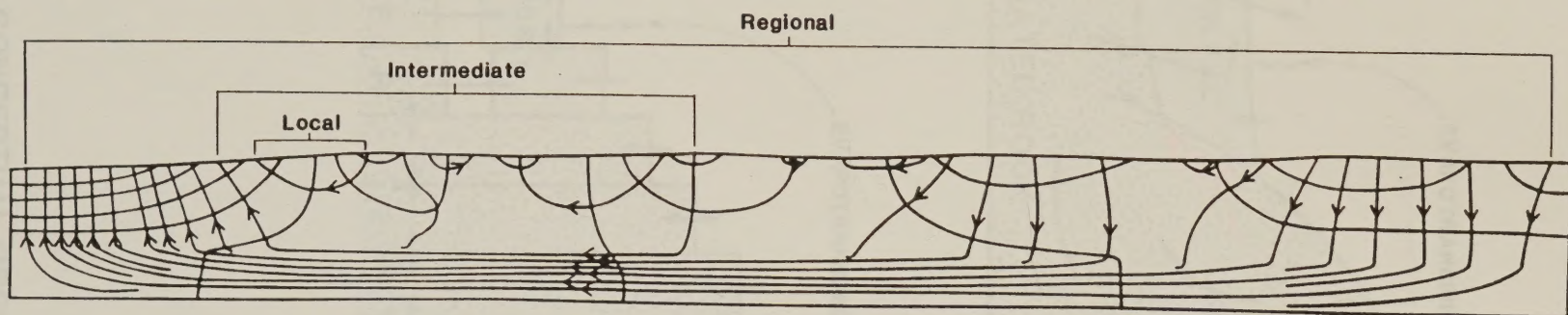


Hydrographic Areas of the Northeast Model Panel





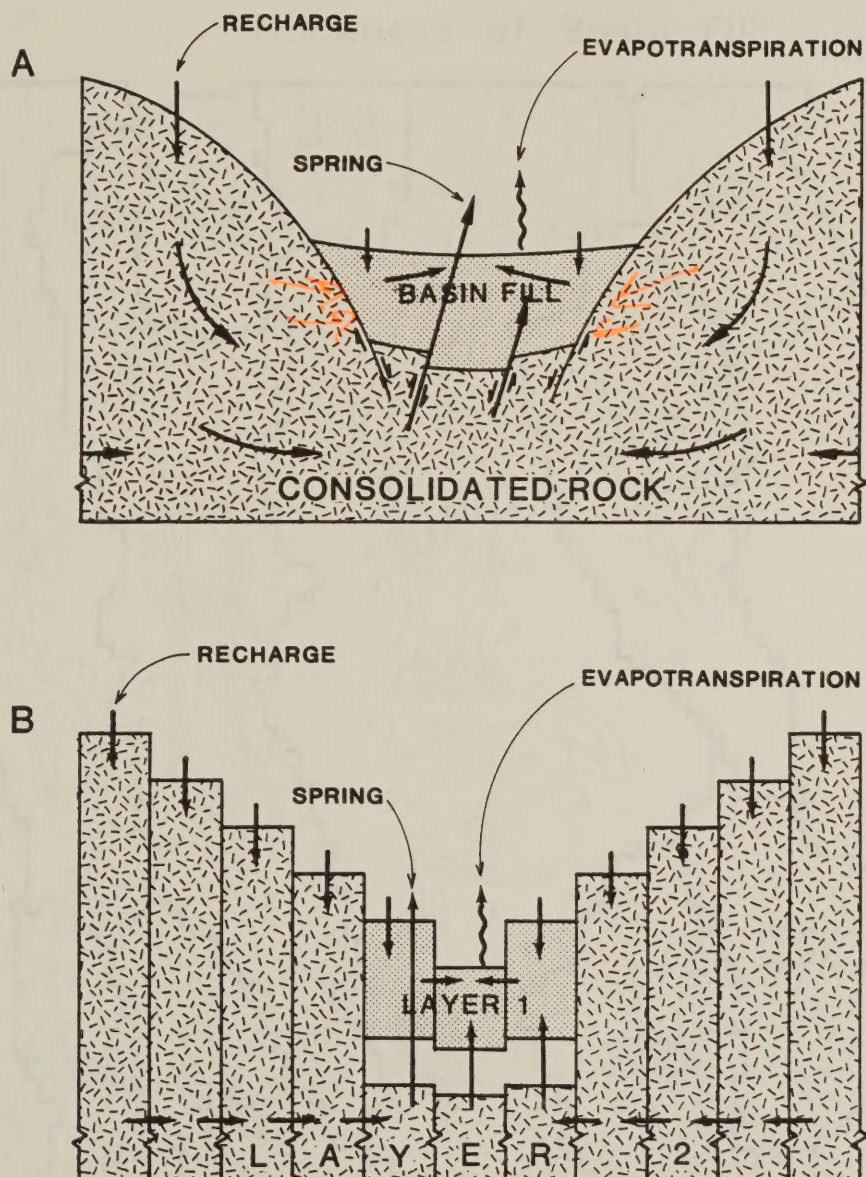
A
FLOW IN A HOMOGENEOUS AQUIFER



B
FLOW IN AN AQUIFER WITH GREATER PERMEABILITY IN THE LOWER PART

CROSS SECTIONS SHOWING REGIONAL, INTERMEDIATE AND LOCAL FLOW SYSTEMS

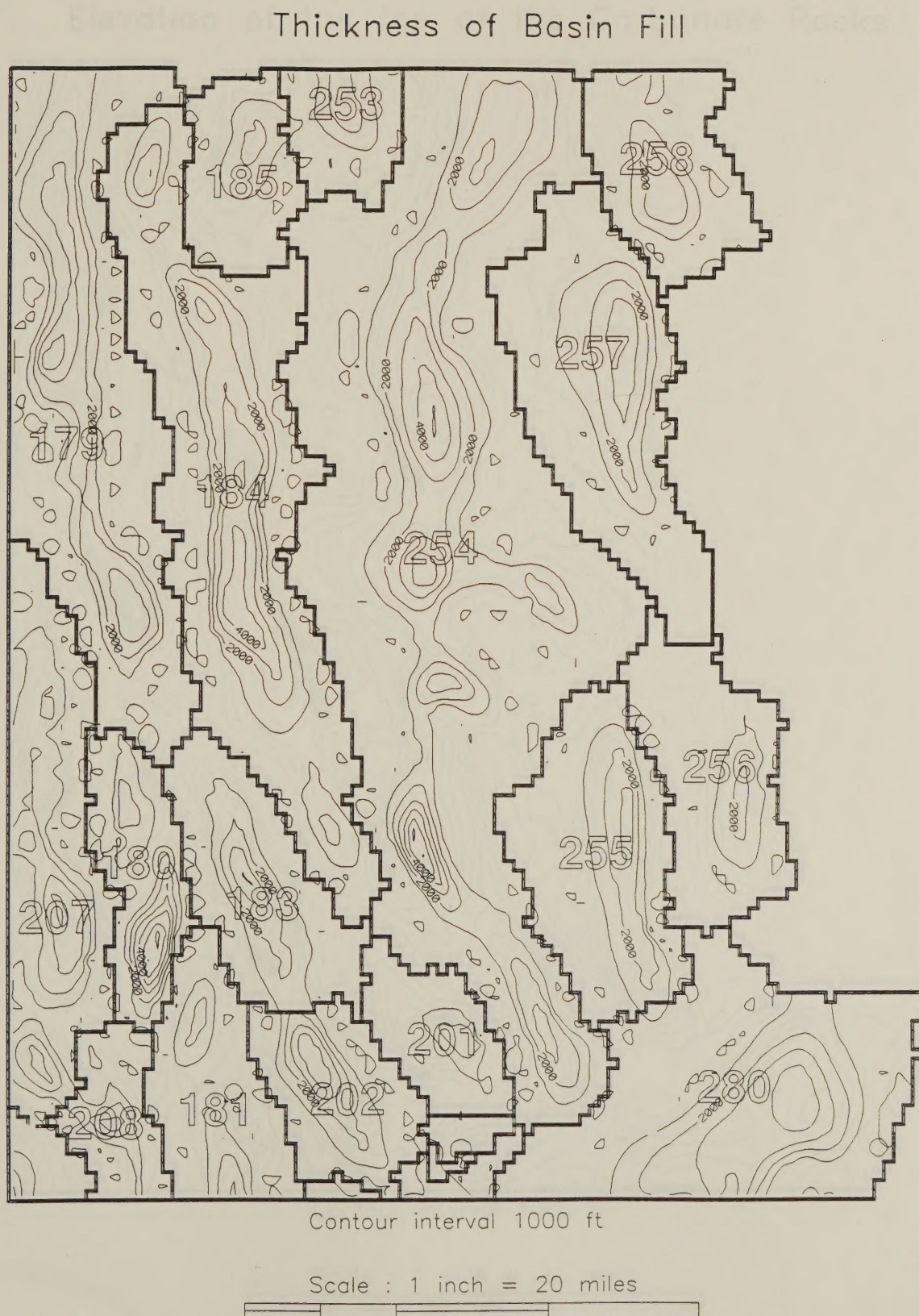
Cite source.



SCHEMATIC DIAGRAM SHOWING (A) CONCEPTUAL GROUND-WATER FLOW AND (B) PRESENT MODEL CONFIGURATION

*List source -
original
source*

FIGURE 5

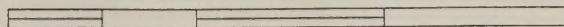


Elevation of the top of the Carbonate Rocks



Contour interval 1000 ft

Scale : 1 inch = 20 miles



Location of Inactive Cells (shaded) in Model Layer 1

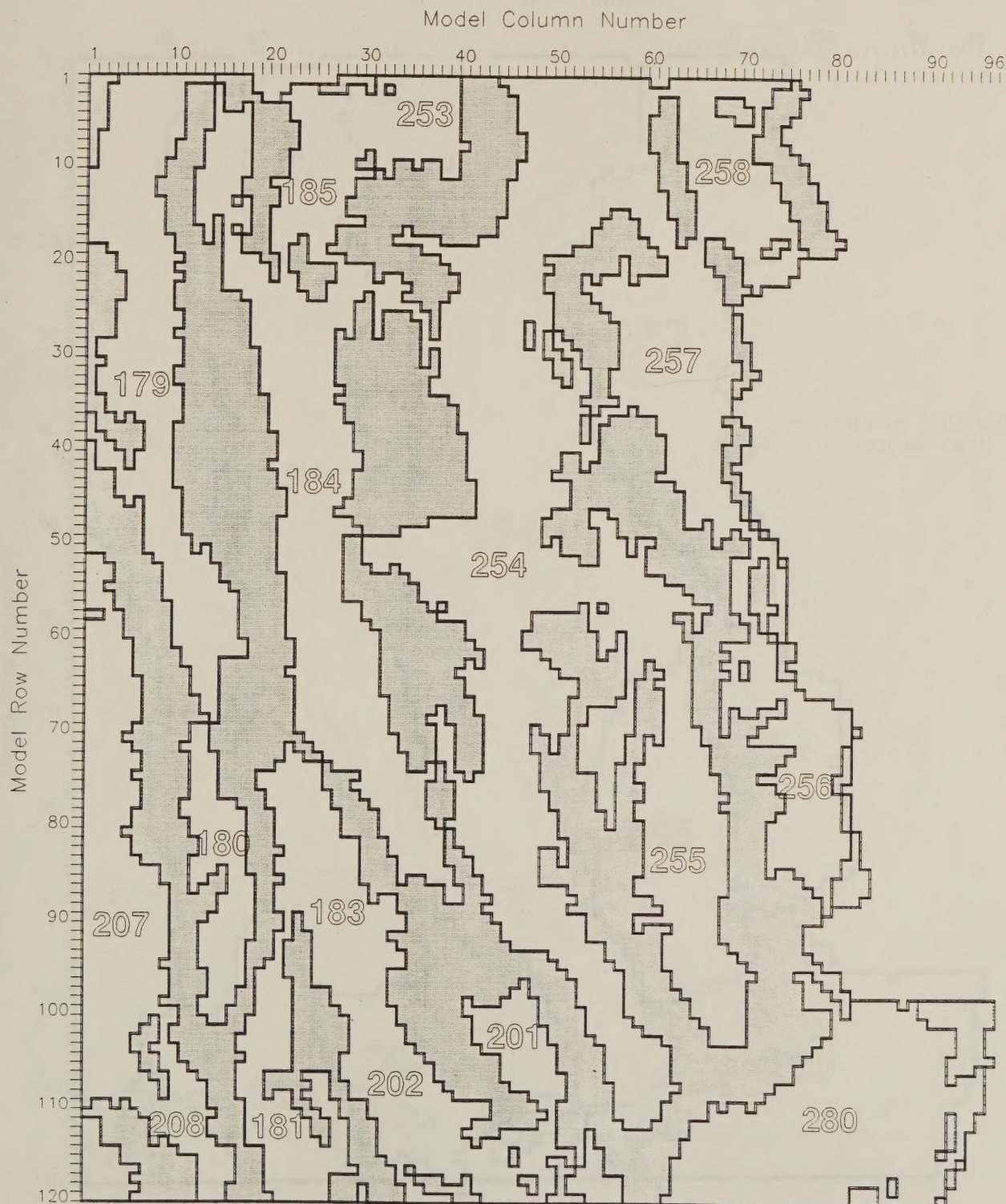
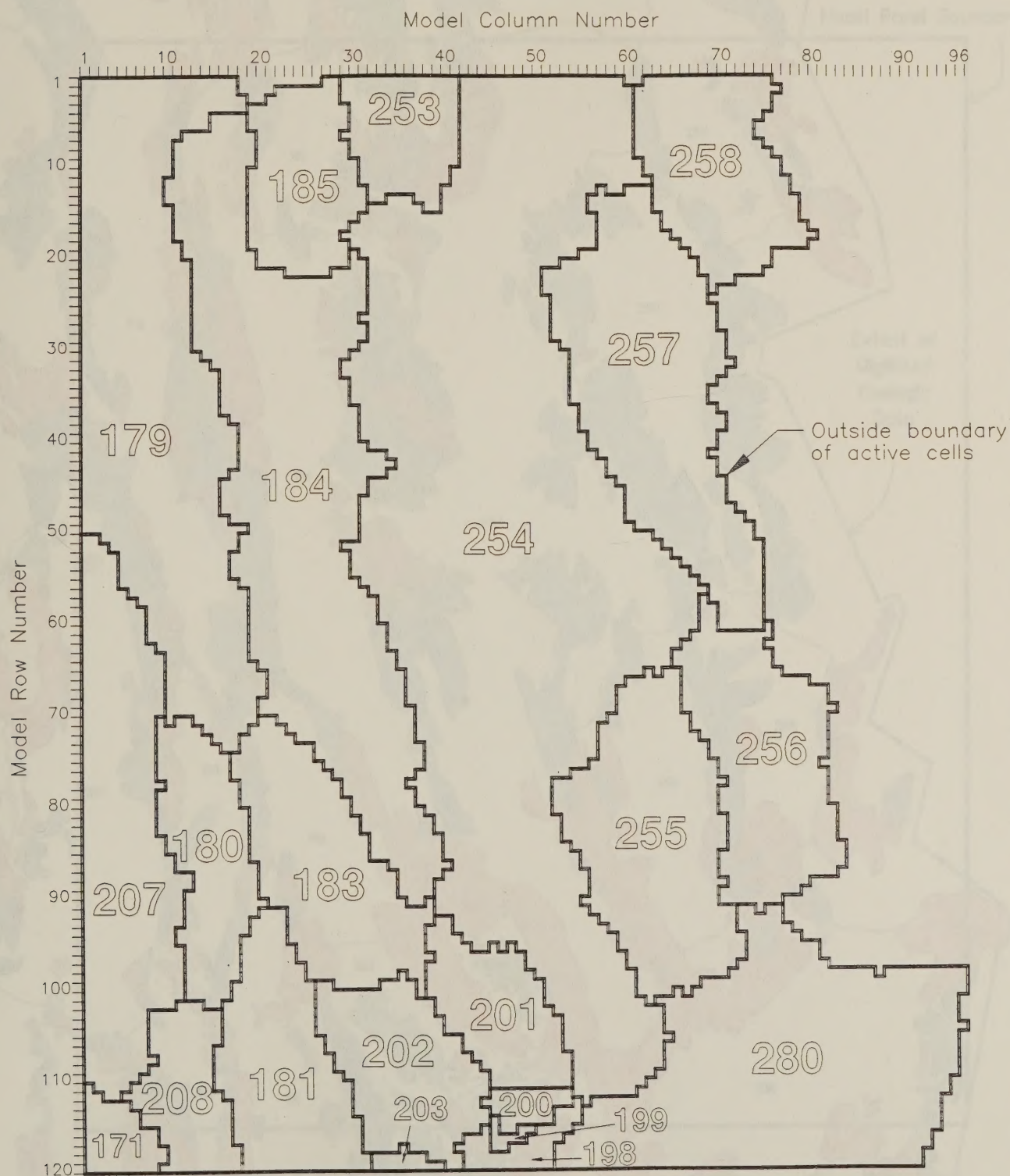
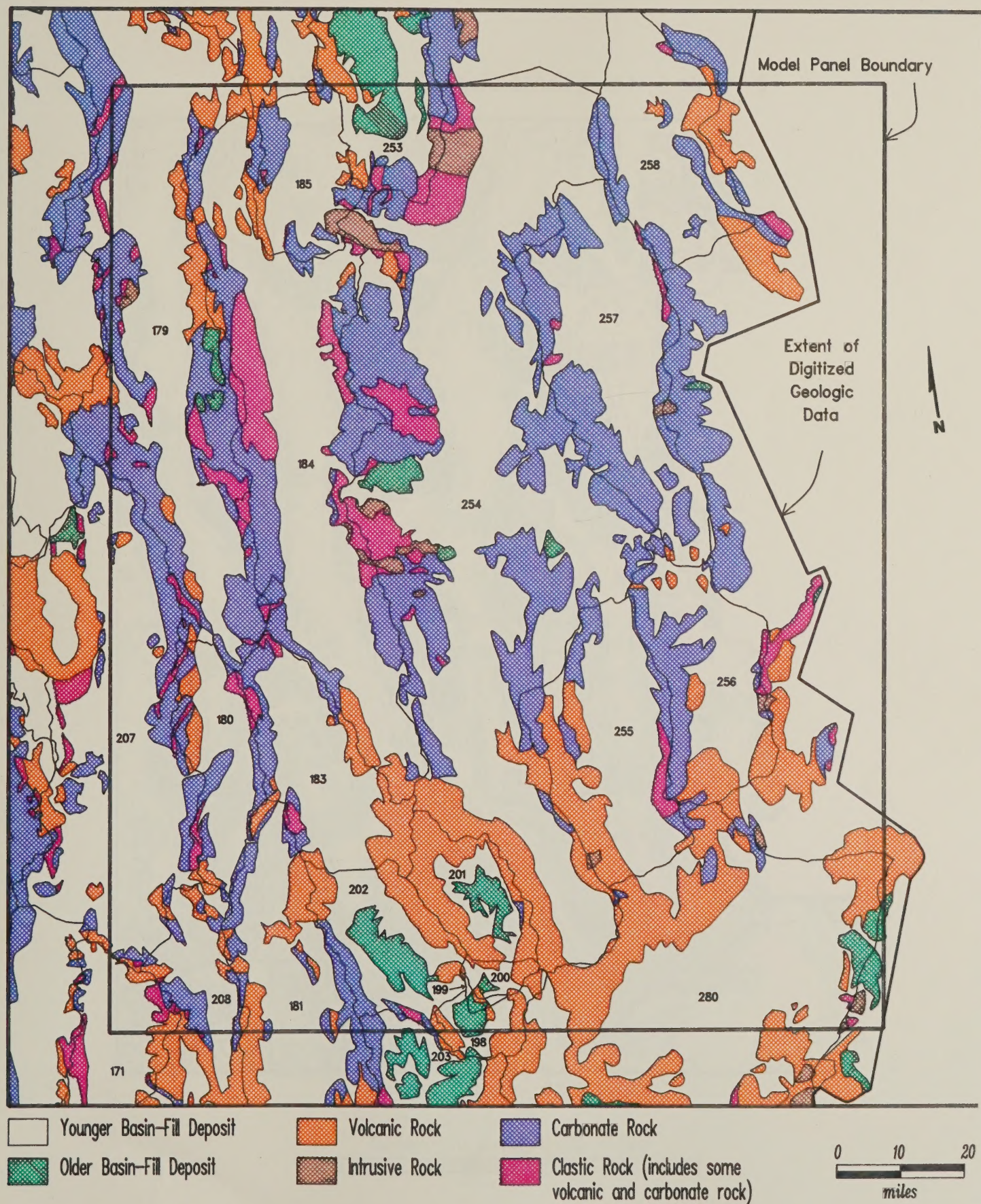


FIGURE 8

Basin Boundaries as Simulated and Outside Boundary of Active Cells in Layer 2



Generalized Geologic Map of the Northeast Model Panel



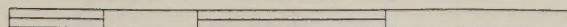
(modified from Plume and Carlton, 1988)

Hydraulic Conductivity of Layer 1

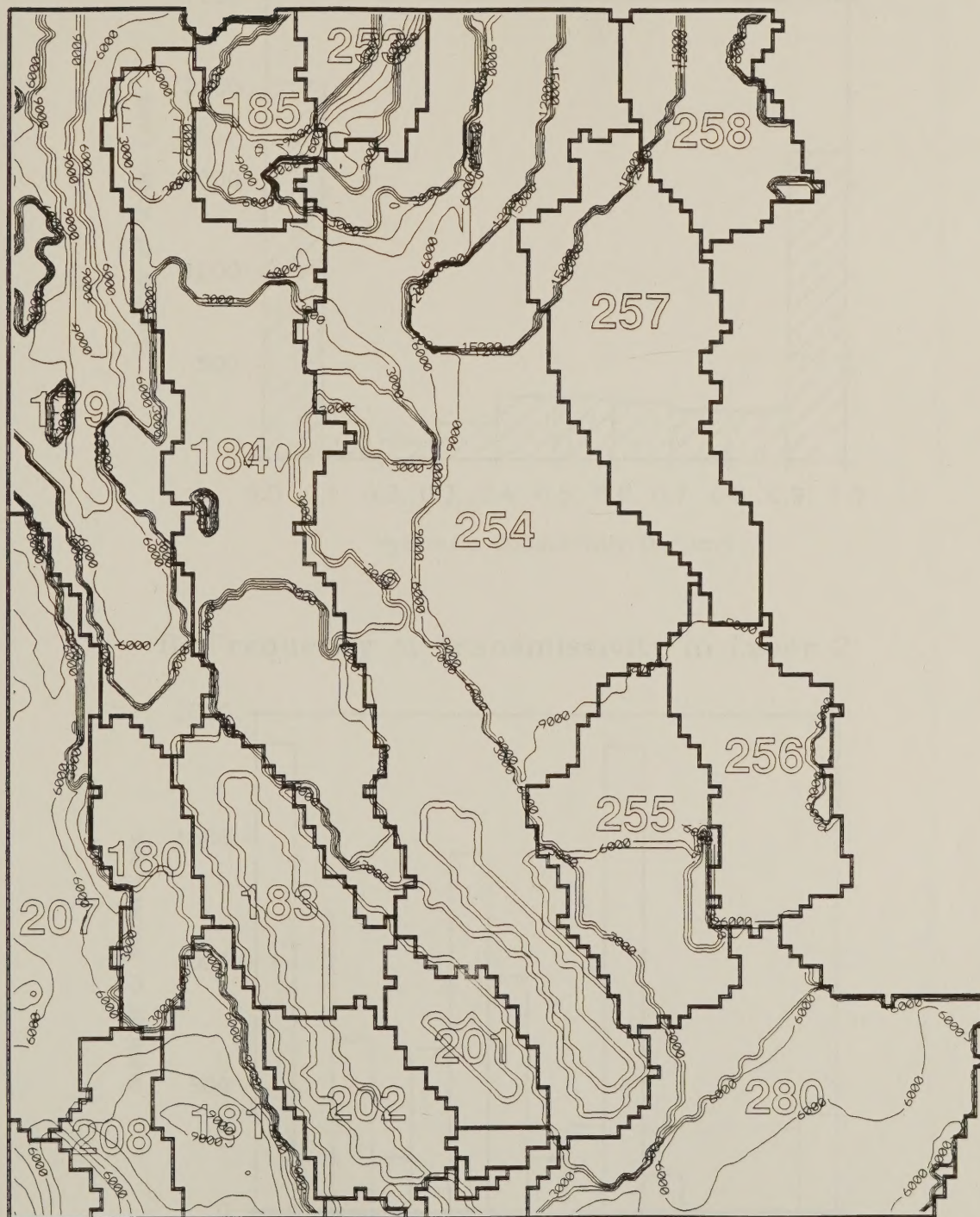


Contour interval 0.25 ft/day

Scale : 1 inch = 20 miles

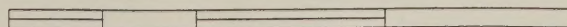


Transmissivity of Layer 2

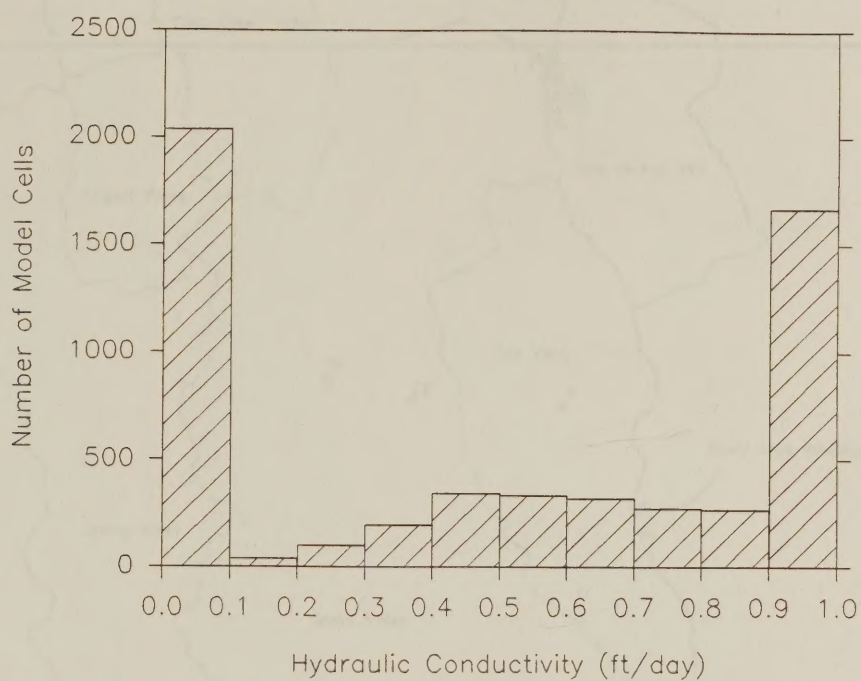


Contour interval 1000 ft²/day

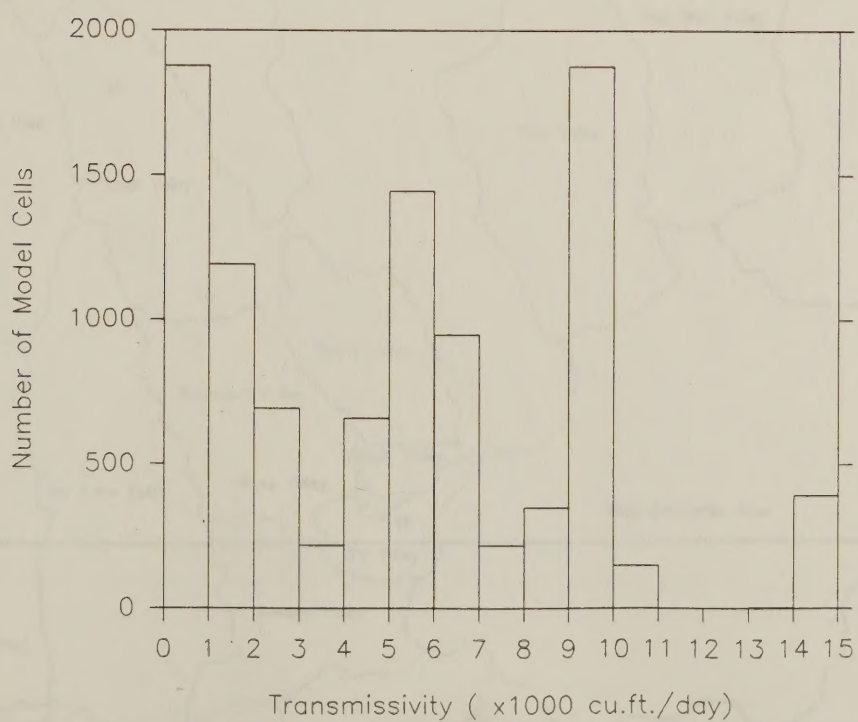
Scale : 1 inch = 20 miles



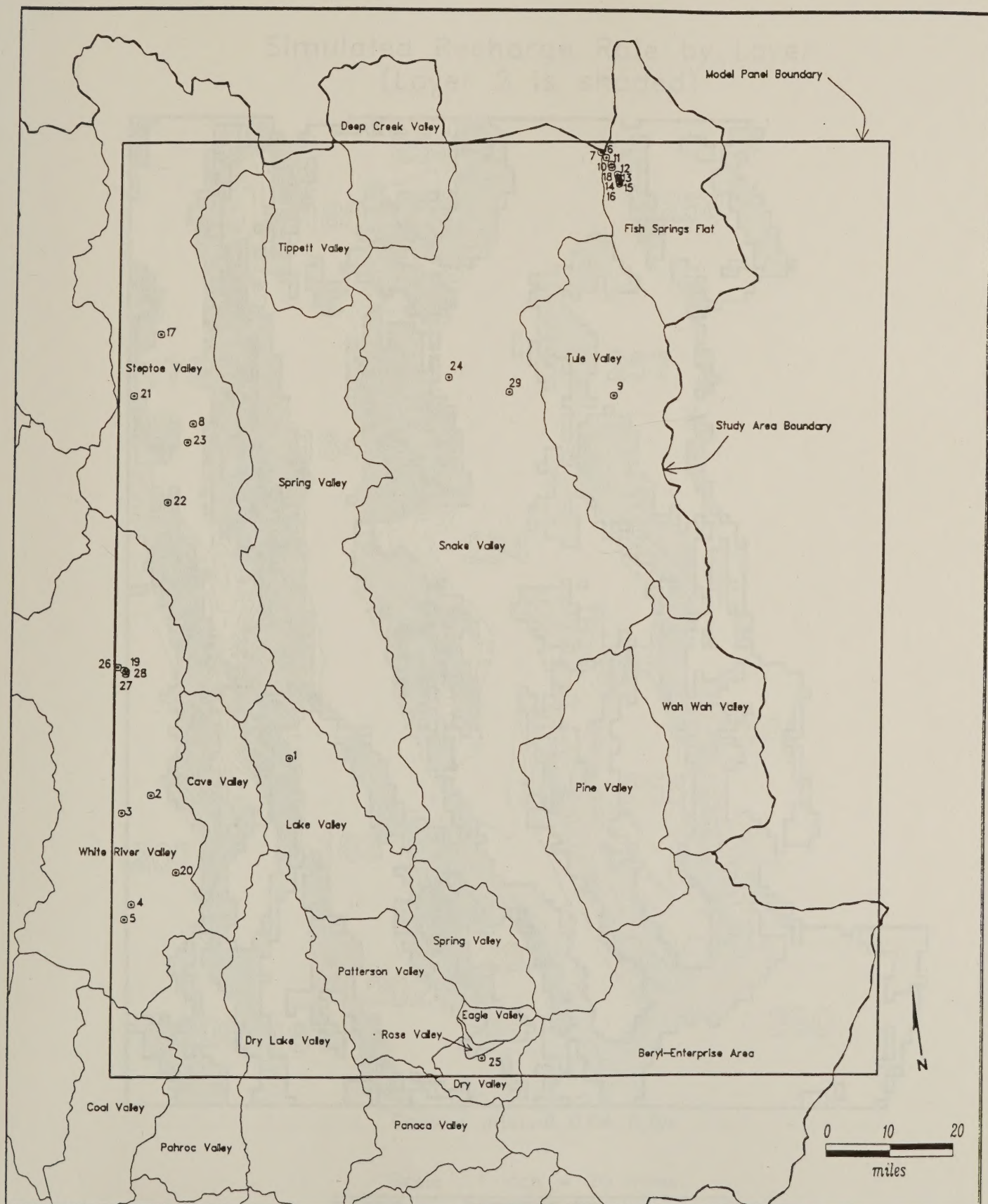
A) Frequency of Hydraulic Conductivity in Layer 1



B) Frequency of Transmissivity in Layer 2



Simulated Springs of the Northeast Model Panel

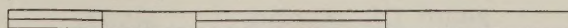


Simulated Recharge Rate by Layer
(Layer 2 is shaded)

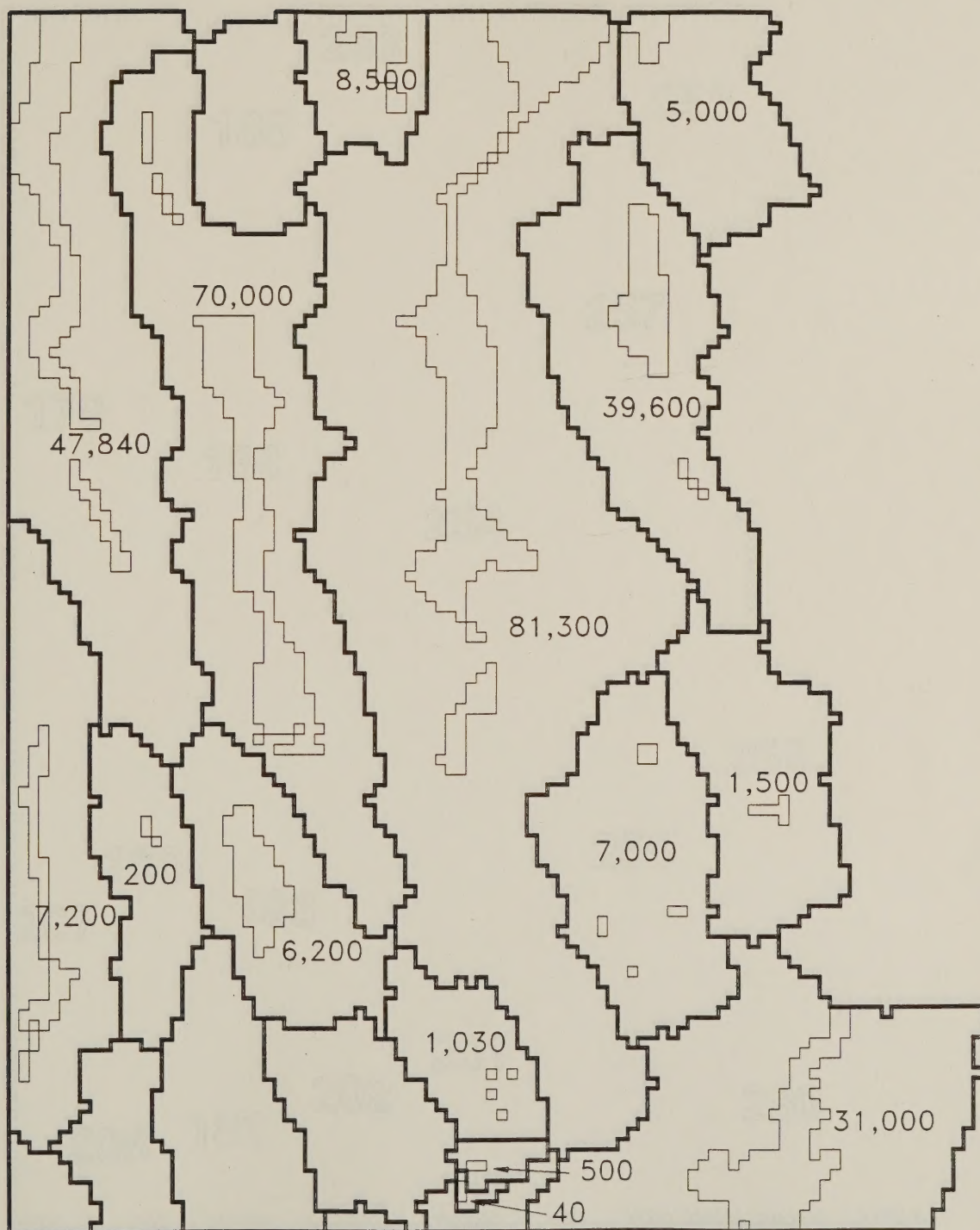


Contour interval 0.04 ft/yr

Scale : 1 inch = 20 miles

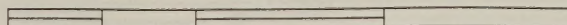


Evapotranspiration Areas and Rates of NE Panel

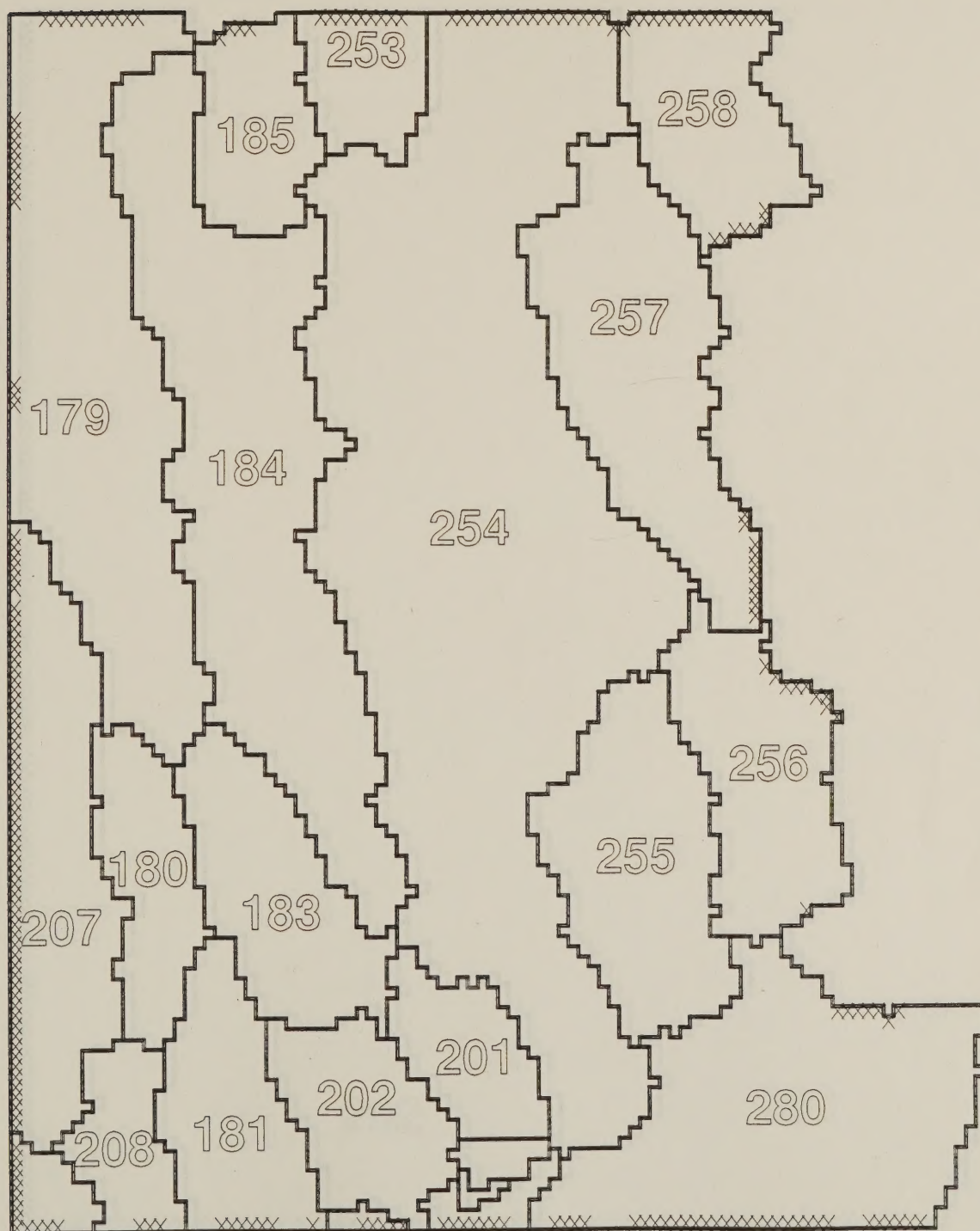


Rates in Acre-feet per Year

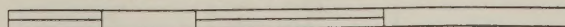
Scale : 1 inch = 20 miles



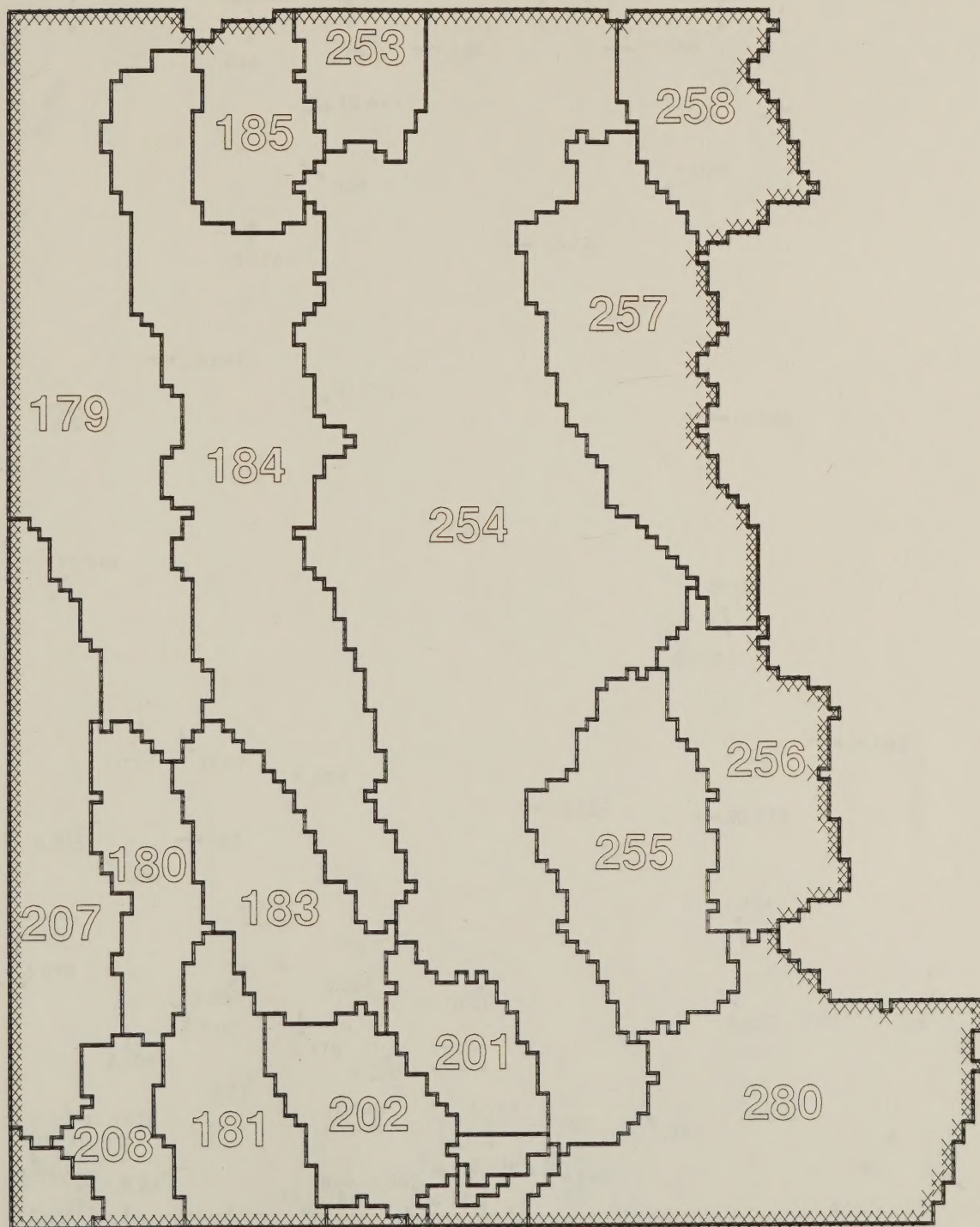
Location of General Head Boundaries
for Layer 1



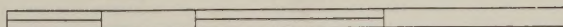
Scale : 1 inch = 20 miles



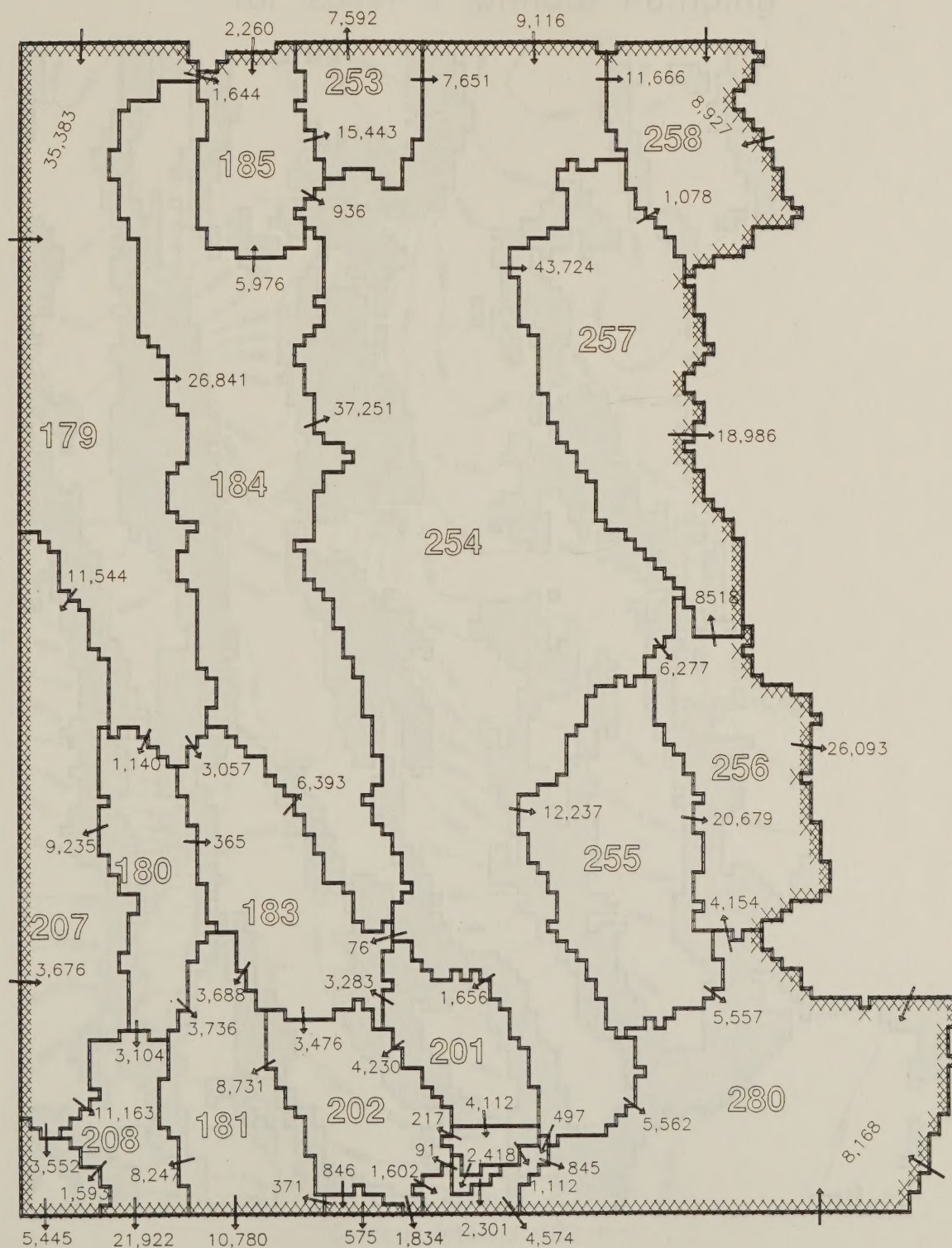
Location of General Head Boundaries
for Layer 2



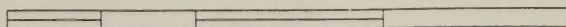
Scale : 1 inch = 20 miles



Net Flow Direction and Net Rate between Basins and across Boundaries



Scale : 1 inch = 20 miles

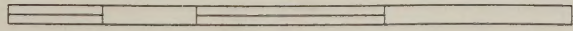


Simulated Steady-State Head
for Layer 1 without Pumping

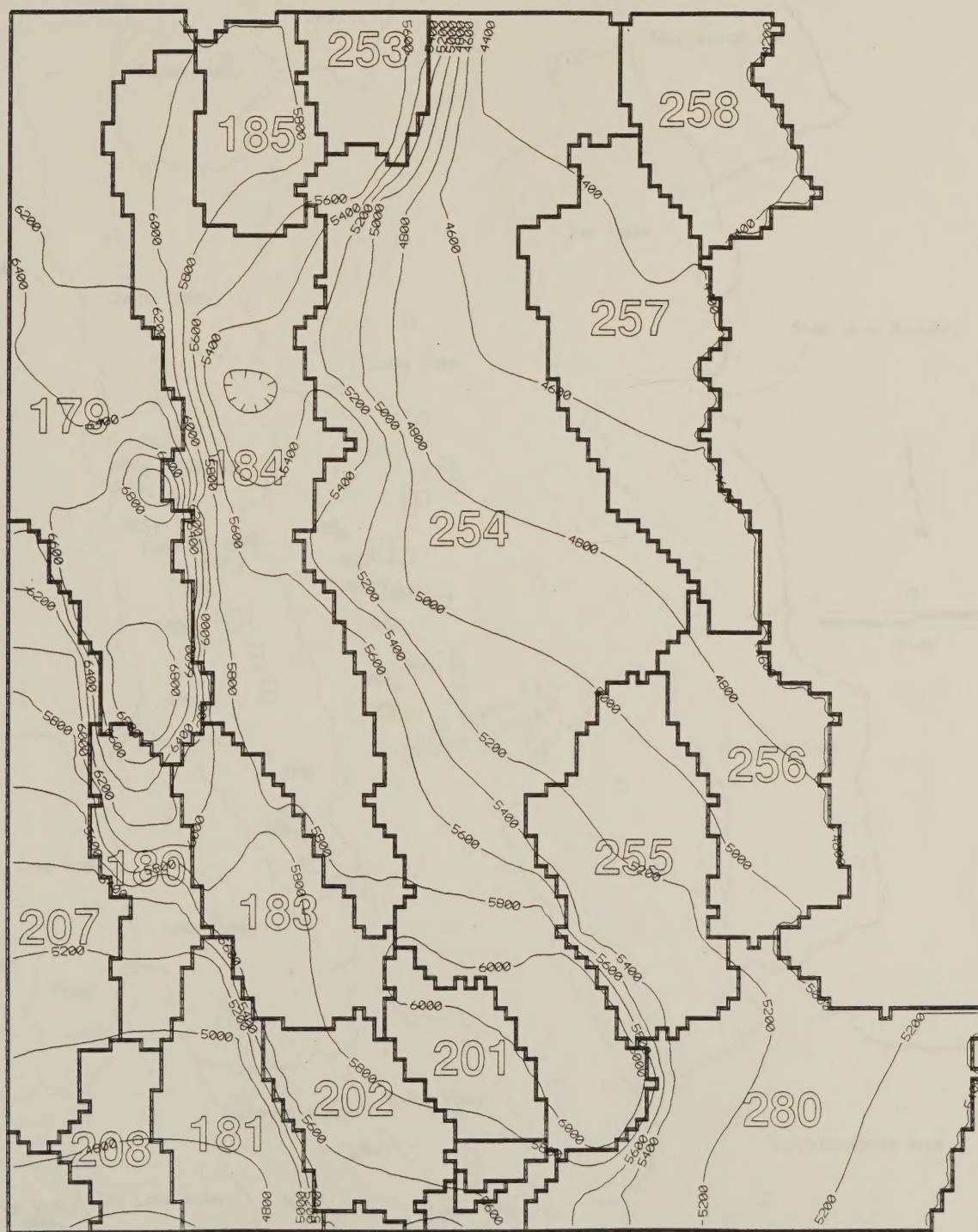


Contour interval 100 ft

Scale : 1 inch = 20 miles

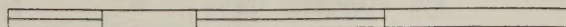


Simulated Steady-State Head for Layer 2 without Pumping

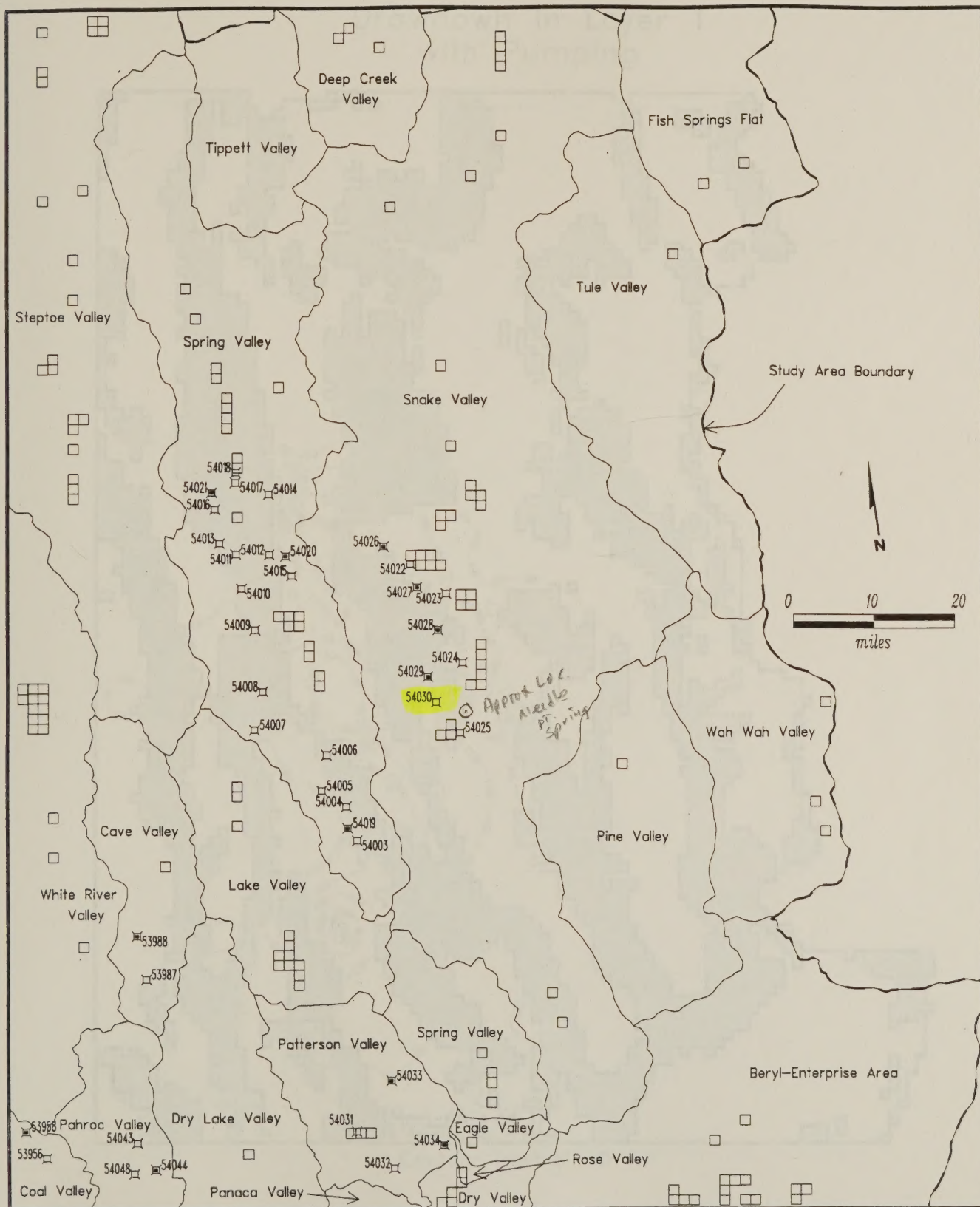


Contour interval 200 ft

Scale : 1 inch = 20 miles



Proposed Las Vegas Wells and Existing Pumping Cells of the Northeast Model Panel



LVVWD Alluvium Well (with Water Right Application Number)

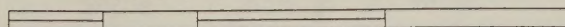
 LVVWD Carbonate Well (with Water Right Application Number)

 Existing Pumping Cell

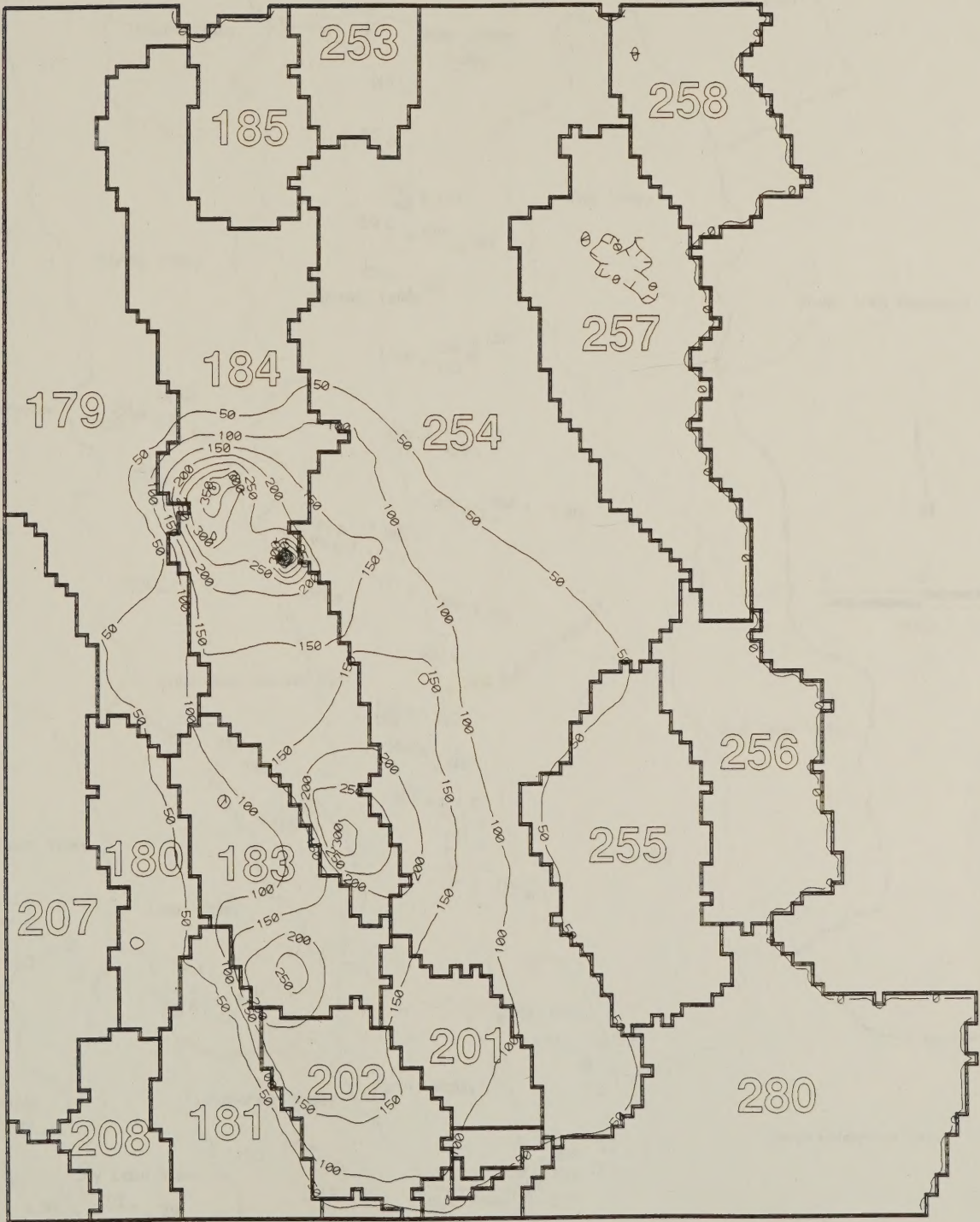
Drawdown in Layer 1 with Pumping



Scale : 1 inch = 20 miles

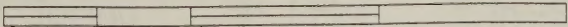


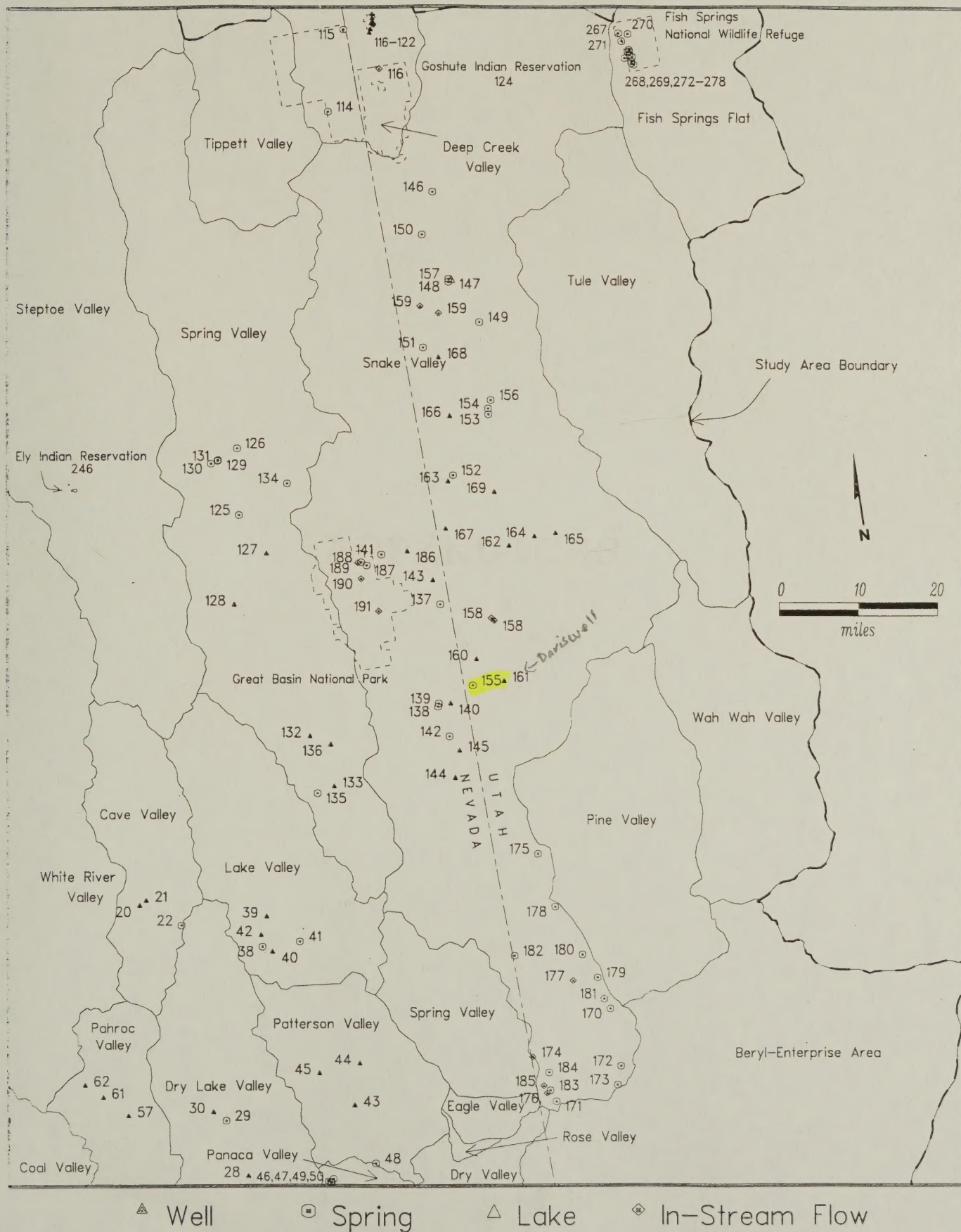
Drawdown in Layer 2
with Pumping



Contour interval 50 ft.

Scale : 1 inch = 20 miles





APPENDICES

LIST OF APPENDICES

- A. Hydraulic Parameters
- B. Drains Representing Springs
- C. Recharge Rates
- D. Evapotranspiration
- E. General Head Boundaries
- F. Modeled Steady-State Heads without Pumping
- G. Existing Pumping Cells and Proposed LVVWD Wells
- H. Steady-State Drawdowns with Pumping

DESCRIPTION OF DATA SETS

Appendix A, Hydraulic Parameters. This data set is presented as a wrapped data array. The first line of each row entry represents columns 1 to 10, the second line the represents columns 11 to 20, and so forth until column 96 is reached. Hydraulic conductivities are in feet per day and transmissivities in squared feet per day. Inactive cells have a value of zero.

Appendix B, Drains Representing Springs. This data set is presented in a tabular format. For each cell of the model with a spring located, the layer, row and column of the cell is listed followed by the surface elevation of the spring in feet and the conductance of the spring in squared feet per day.

Appendix C, Recharge Rates. This data set is presented as a wrapped data array. The first line of each row entry represents columns 1 to 10, the second line the represents columns 11 to 20, and so forth until column 96 is reached. Recharge rates are in feet per day. Inactive cells and cells without recharge have a value of zero.

Appendix D, Evapotranspiration. This data set is presented as a wrapped data array. The first line of each row entry represents columns 1 to 10, the second line the represents columns 11 to 20, and so forth until column 96 is reached. Maximum cell evapotranspiration rates are in feet per day. Inactive cells and cells without evapotranspiration have a value of zero.

Appendix E, General Head Boundaries. This data set is presented in a tabular format. For each cell with a head boundary, the layer, row, and column of the cell is listed, followed by the head of the boundary in feet and the conductance of the boundary in squared feet per day.

Appendix F, Modeled Steady-State Heads without Pumping. This data set is presented as a wrapped data array. The first line of each row entry represents columns 1 to 10, the second line the represents columns 11 to 20, and so forth until column 96 is reached. The heads values are in feet. Inactive model cells have a value of -999.0.

Appendix G, Existing Pumping Cells and Proposed LVVWD Wells. This data set is presented in a tabular format. For each cell of the model with a well located, the layer, row and column of the cell is listed followed by the pumping rate in cubic feet per day.

Appendix H, Steady-State Drawdowns with Pumping. This data set is presented as a wrapped data array. The first line of each row entry represents columns 1 to 10, the second line the represents columns 11 to 20, and so forth until column 96 is reached. The drawdown values are in feet. Inactive model cells have a value of -999.0.

APPENDIX A

HYDRAULIC PARAMETERS

0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.5165	0.5280	0.5230	0.5075	0.4015	0.1000	ROW	1
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.6815	1.000	1.000	0.9845	0.7885	0.4605	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.5295	0.6810	0.8360		
0.9550	0.9930	1.000	0.9425	0.8565	0.7175	0.5715	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.5860	0.6015	0.5570	0.5765	0.4755	0.1000	ROW	2
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00		
0.1000	0.0000E+00	0.6735	1.000	1.000	0.9990	0.8190	0.4645	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.6140	0.7390	0.9265		
1.000	1.000	0.9965	1.000	0.9360	0.7730	0.5985	0.4795	0.1000	0.1000		
0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
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0.0000E+00	0.0000E+00	0.1000	0.1000	0.6230	0.6390	0.6235	0.6585	0.4395	0.1000	ROW	3
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0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.1000	0.1000	0.7080	1.000	0.9165	1.000	0.8665	0.4730	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.6830	0.8280	1.000		
1.000	0.9975	0.9910	0.9910	1.000	0.8280	0.6475	0.4850	0.1000	0.1000		
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0.0000E+00	0.0000E+00	0.1000	0.5040	0.6885	0.7690	0.7665	0.6780	0.3855	0.1000	ROW	4
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0.0000E+00	0.1000	0.1000	0.3725	0.4610	0.4130	0.3690	0.3320	0.1000	0.1000		
0.1000	0.1000	0.6670	0.9435	0.8860	0.9955	0.9855	0.5675	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.6925	0.9040	1.000		
1.000	1.000	1.000	1.000	1.000	0.8685	0.6380	0.4665	0.1000	0.1000		
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0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.4920	0.6305	0.6695	0.6080	0.4910	0.3825	0.3350		
0.3620	0.3655	0.5905	0.8925	0.9485	0.9245	1.000	0.7185	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.6800	0.9255	1.000		
1.000	1.000	1.000	1.000	1.000	0.8865	0.6530	0.4480	0.1000	0.0000E+00		
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0.0000E+00	0.0000E+00	0.1000	0.6860	0.9910	1.000	1.000	0.6905	0.1000	0.1000	ROW	6
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.5920	0.6055	0.4450	0.0000E+00	0.0000E+00	0.0000E+00		
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0.3890	0.3390	0.4655	0.7765	0.9845	0.9180	1.000	0.7865	0.3410	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.7335	0.9345	1.000		
1.000	1.000	1.000	1.000	1.000	0.8615	0.6185	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.5585	0.6060	0.5855	0.1000	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.4925	0.8480	1.000	1.000	1.000	0.6345	0.1000	0.1000	ROW	7
0.0000E+00	0.0000E+00	0.1000	0.1000	0.6840	0.6670	0.4860	0.0000E+00	0.0000E+00	0.0000E+00		

0.0000E+00	0.0000E+00	0.1000	0.5795	0.9180	0.9150	0.9055	0.7240	0.5420	0.3735		
0.3195	0.3095	0.3515	0.5530	0.8365	0.9625	0.9545	0.7420	0.4075	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.7340	0.9870	1.000		
1.000	1.000	1.000	1.000	1.000	0.8360	0.5915	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.5325	0.6495	0.7180	0.5540	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.6210	1.000	1.000	1.000	1.000	0.5185	0.1000	0.0000E+00	ROW	8
0.0000E+00	0.0000E+00	0.1000	0.6140	0.9490	0.8970	0.4425	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.6990	1.000	0.9430	0.9175	0.7140	0.4745	0.2030		
0.1000	0.1000	0.1000	0.1000	0.5660	0.7230	0.7940	0.6380	0.3225	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5310	0.7945	1.000	1.000		
1.000	1.000	1.000	1.000	0.9370	0.7240	0.5410	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.7370	1.000	0.8040	0.4450	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.8760	1.000	1.000	1.000	1.000	0.4800	0.1000	0.0000E+00	ROW	9
0.0000E+00	0.0000E+00	0.1000	0.8010	1.000	0.9920	0.3765	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.5020	0.9140	1.000	1.000	0.9180	0.5550	0.1000	0.0000E+00		
0.1000	0.1000	0.1000	0.1000	0.1000	0.4655	0.5990	0.4865	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6100	0.9090	1.000	1.000		
1.000	1.000	1.000	0.9895	0.7205	0.5825	0.4585	0.1000	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.7270	1.000	1.000	0.6675	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.5665	1.000	1.000	1.000	1.000	1.000	0.4160	0.0000E+00	0.0000E+00	ROW	10
0.0000E+00	0.0000E+00	0.5010	1.000	1.000	0.9075	0.2910	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.6745	0.9765	1.000	0.9925	0.7625	0.3365	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.7395	1.000	1.000	1.000		
1.000	1.000	1.000	0.7310	0.5340	0.3275	0.3625	0.1000	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.6610	1.000	1.000	0.9175	0.5540		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.7855	1.000	1.000	1.000	1.000	1.000	0.3190	0.0000E+00	0.0000E+00	ROW	11
0.0000E+00	0.1000	0.6975	1.000	1.000	0.8150	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.7345	0.8880	0.9800	0.8955	0.6380	0.1000	0.1000	0.1000		
0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5960	0.9440	1.000	1.000	1.000		
1.000	1.000	0.8255	0.4810	0.3445	0.2195	0.1000	0.1000	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.6195	1.000	1.000	0.9980	0.8355		
0.4240	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.5895	1.000	1.000	1.000	1.000	1.000	1.000	0.0000E+00	0.0000E+00	0.0000E+00	ROW	12
0.0000E+00	0.1000	0.9035	1.000	1.000	0.6050	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.4590	0.6905	0.7490	0.7875	0.7130	0.4620	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.7160	0.9510	1.000	1.000	1.000		
1.000	0.8890	0.6340	0.3560	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.6480	0.9720	1.000	1.000	0.9965		
0.7100	0.2810	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.8210	1.000	1.000	1.000	1.000	1.000	1.000	0.0000E+00	0.0000E+00	0.0000E+00	ROW	13
0.0000E+00	0.1000	0.8865	1.000	1.000	0.4495	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.4070	0.5810	0.6295	0.6410	0.6010	0.3615	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.7030	0.9705	1.000	1.000	1.000		
0.9690	0.6660	0.4450	0.2310	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.6565	0.9480	1.000	0.9285	1.000		
0.8870	0.5380	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.9365	1.000	1.000	1.000	1.000	1.000	1.000	0.1000	0.0000E+00	0.0000E+00	ROW	14
0.0000E+00	0.1000	0.6575	1.000	0.8985	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.4855	0.5560	0.5560	0.4760	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5320	0.7430	0.9930	1.000	1.000		
0.7755	0.5510	0.3490	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.6590	0.9480	1.000	0.9185	1.000		
0.9530	0.6830	0.2795	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.9735	1.000	1.000	1.000	1.000	1.000	1.000	0.1900	0.0000E+00	0.0000E+00	ROW	15
0.0000E+00	0.1000	0.1000	0.5440	0.5635	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.1000	0.1000	0.4920	0.4755	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5590	0.7245	0.9520	0.9735	0.9810	0.8440		
0.6360	0.5380	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.6280	0.9630	1.000	1.000	0.8885		
0.9585	0.7655	0.3470	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.8560	1.000	1.000	1.000	1.000	1.000	1.000	0.4165	0.0000E+00	0.0000E+00	ROW	16
0.0000E+00	0.1000	0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.5845	0.8065	0.9685	0.9185	0.8275	0.6730		
0.5390	0.3830	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.5545	0.8775	1.000	0.9650	0.9400		
0.9250	0.7210	0.3020	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.5385	0.8945	1.000	1.000	1.000	1.000	1.000	0.7220	0.0000E+00	0.0000E+00	ROW	17
0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.1000	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.5260	0.7865	0.9320	0.9100	0.7680	0.6205	0.5385		
0.3985	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.5455	0.7075	0.7305	0.8205		
0.7850	0.5105	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.6190	0.9240	1.000	1.000	1.000	1.000	0.9120	0.1000	0.0000E+00	ROW	18
0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.5985	0.7155	0.9560	1.000	0.7895	0.5485	0.4640	0.1000		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.1000	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.3575	0.5035		
0.4390	0.1000	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.5900	1.000	1.000	1.000	1.000	1.000	0.4490	0.0000E+00	ROW	19
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000		
0.1000	0.6050	0.7240	0.9760	1.000	1.000	0.7495	0.3365	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000
0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
0.0000E+00	0.0000E+00	0.0000E+00	0.7205	1.000	1.000	1.000	1.000	0.5995	0.1000
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00
0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000
0.5000	0.7285	0.8860	1.000	1.000	1.000	0.6000	0.1000	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000
0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
0.0000E+00	0.0000E+00	0.0000E+00	0.5125	1.000	1.000	1.000	1.000	0.6365	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.3965	0.4415	0.1000	0.0000E+00
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000
0.5400	0.7560	0.9030	0.9925	1.000	0.9885	0.4825	0.1000	0.1000	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.1000	0.5135	0.5750	0.4400	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000
0.1000	0.1000	0.1995	0.3305	0.3010	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	1.000	1.000	1.000	1.000	0.7145	0.1000
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.5745	0.7245	0.6170	0.0000E+00
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000
0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000
0.5175	0.6895	0.8805	0.9725	1.000	0.9200	0.5105	0.1000	0.0000E+00	0.0000E+00
0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.1000	0.1000
0.3705	0.6085	0.7125	0.7905	0.7230	0.4850	0.1000	0.0000E+00	0.0000E+00	

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	1.000	1.000	1.000	1.000	0.7000	0.1000	ROW	26
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7470	1.000	1.000		
1.000	1.000	0.7800	0.4590	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.1000	0.5245	0.5780		
0.7335	1.000	1.000	1.000	0.8015	0.4380	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.4595	0.5745	0.7045		
0.7255	0.9560	1.000	1.000	1.000	1.000	0.8730	1.000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.0000E+00	0.0000E+00	0.0000E+00	0.6500	1.000	1.000	1.000	1.000	0.7145	0.1000	ROW	27
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5560	1.000	1.000		
1.000	1.000	0.9745	0.6285	0.4040	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.1000	0.5945	0.6355		
0.8205	1.000	1.000	1.000	0.7755	0.1000	0.0000E+00	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4445	0.5780	0.6540		
0.7965	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.9015	1.000	1.000	1.000	1.000	0.7800	0.0000E+00	ROW	28
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.8125	1.000		
1.000	1.000	1.000	0.7735	0.5165	0.1000	0.0000E+00	0.1000	0.0000E+00	0.0000E+00		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.4330	0.6165	0.6745		
0.9595	1.000	1.000	1.000	0.8610	0.1000	0.0000E+00	0.1000	0.0000E+00	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4790	0.6225	0.6400		
0.8230	1.000	1.000	1.000	1.000	1.000	1.000	0.2930	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	1.000	1.000	1.000	1.000	1.000	0.7205	0.1000	ROW	29
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.6550	0.8800		
1.000	1.000	1.000	0.8785	0.6270	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.5430	0.6860	0.7650		
1.000	1.000	1.000	1.000	1.000	0.1000	0.0000E+00	0.1000	0.0000E+00	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.5165	0.6660	0.7075		
0.8515	1.000	1.000	1.000	1.000	1.000	1.000	0.4050	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.7310	1.000	1.000	1.000	1.000	1.000	0.7010	0.1000	ROW	30
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5430	0.7920		
0.9570	1.000	1.000	0.9370	0.6735	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.5820	0.6555	0.8175		
1.000	1.000	1.000	1.000	1.000	0.6835	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.5435	0.6875	0.7465		
0.8510	1.000	1.000	1.000	1.000	1.000	1.000	0.4475	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.8770	1.000	1.000	1.000	1.000	1.000	0.6755	0.1000	ROW	31
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.7560		
0.9295	1.000	1.000	1.000	0.7450	0.2425	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.6335	0.7920	0.9155		
1.000	1.000	1.000	1.000	1.000	1.000	0.7965	0.4925	0.1000	0.0000E+00		
0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.5160	0.6660	0.7345		
0.8325	1.000	1.000	1.000	1.000	1.000	1.000	0.4685	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						

0.0000E+00	0.1000	0.9830	1.000	1.000	1.000	1.000	1.000	0.6645	0.0000E+00	ROW	32
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.7135		
0.9590	1.000	1.000	1.000	0.8215	0.2750	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6570	0.8325	0.9660		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.8120	0.1000	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.4800	0.6085	0.7005		
0.7905	1.000	1.000	1.000	1.000	1.000	1.000	0.4165	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.9760	1.000	1.000	1.000	1.000	1.000	0.6750	0.0000E+00	ROW	33
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.6440		
1.000	1.000	1.000	1.000	0.8935	0.4150	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.5420	0.8290	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.9650	0.5790	0.1000		
0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.5400	0.6600		
0.7365	0.9545	1.000	1.000	1.000	1.000	1.000	0.2260	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.8340	1.000	1.000	1.000	1.000	1.000	0.7850	0.3865	ROW	34
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.5800		
1.000	1.000	1.000	1.000	0.9760	0.5520	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.7305	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.7205	0.1000		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.4590	0.6010		
0.6945	0.8880	1.000	1.000	1.000	1.000	1.000	0.2535	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.6370	1.000	1.000	1.000	1.000	0.9945	0.8450	0.4525	ROW	35
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
1.000	1.000	1.000	1.000	1.000	0.7300	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5370	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.8365	0.5080		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.4880		
0.6585	0.8215	1.000	1.000	1.000	1.000	0.9485	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.7325	0.9125	0.9155	0.9860	0.9965	0.9040	0.4400	ROW	36
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
1.000	1.000	1.000	1.000	1.000	0.8550	0.4605	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9420		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.6410		
0.1000	0.1000	0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.1000	0.1000		
0.5580	0.7675	1.000	1.000	1.000	1.000	0.8150	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.7225	0.8795	1.000	0.9150	0.3495	ROW	37
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.9245	1.000	1.000	1.000	1.000	1.000	0.6400	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7135		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.7425		
0.4750	0.1000	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.6890	1.000	1.000	1.000	1.000	0.6515	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7980	1.000	0.8870	0.0000E+00	ROW	38
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		

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0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5205	1.000	1.000	1.000	ROW	51
0.7635	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1000	1.000	1.000	1.000	1.000	1.000	0.8110	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.4575	0.6010	0.8140		
1.000	1.000	1.000	1.000	1.000	1.000	0.8725	0.6335	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9705	1.000	1.000	ROW	52
1.000	0.8865	0.4770	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1000	0.9955	1.000	1.000	1.000	1.000	0.9345	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.4895	0.6710	0.9355		
1.000	1.000	1.000	1.000	1.000	1.000	0.9670	0.7265	0.6810	0.5645		
0.3980	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.1000	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	1.000	1.000	ROW	53
1.000	1.000	0.9690	0.3075	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1000	0.9650	1.000	1.000	1.000	1.000	0.7800	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1000	0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.5420	0.7620	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	0.9920	0.7095	0.5915	0.5995		
0.5835	0.5180	0.4350	0.4180	0.4495	0.3900	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7455	1.000	ROW	54
1.000	1.000	1.000	0.8890	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	1.000	1.000	1.000	1.000	1.000	0.8190	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.5065	0.7605	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	0.9310	0.6535	0.5685	0.5515		
0.5210	0.5590	0.6115	0.7780	0.9240	0.8040	0.5715	0.2850	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4505	1.000	ROW	55
1.000	1.000	1.000	1.000	0.5620	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	1.000	1.000	1.000	1.000	1.000	0.9020	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.3920	0.6420	0.9740		
1.000	1.000	1.000	1.000	1.000	1.000	0.7470	0.5610	0.5360	0.4560		
0.4460	0.4790	0.5915	0.7760	0.9725	0.9475	0.9040	0.5660	0.1535	0.1000		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.9260	ROW	56
1.000	1.000	1.000	1.000	0.8445	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	1.000	1.000	1.000	1.000	1.000	0.9710	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.4455	0.8115		
1.000	1.000	1.000	1.000	1.000	0.8520	0.5130	0.4105	0.1000	0.1000		
0.1000	0.1000	0.3595	0.5630	0.8000	0.9535	0.9570	0.8355	0.3220	0.1000		
0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

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0.4130	0.4540	0.4980	0.5555	0.4300	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	63
0.1000	0.9265	1.000	0.6605	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.3870	0.5325	0.8230	1.000	1.000	1.000	1.000	0.8295		
0.2200	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.0000E+00	0.1000	0.5340	0.7265	0.7655	0.5600	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00		
0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.4440	0.5960	0.7250	0.5555	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	64
0.0000E+00	0.6570	0.6065	0.3870	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.3955	0.6375	0.8420	1.000	1.000	1.000	0.9655		
0.4690	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.1000	0.3855	0.6775	1.000	1.000	1.000	0.6285	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.4540	0.6445	0.8840	0.8255	0.3840	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	65
0.0000E+00	0.1000	0.5175	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.5770	0.7335	0.9890	1.000	1.000	1.000		
0.5635	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.5790	1.000	1.000	1.000	1.000	1.000	0.6310	0.1000		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000		
0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.5085	0.7250	0.9110	0.9055	0.5320	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	66
0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.5010	0.6950	0.9435	1.000	1.000	1.000		
0.5845	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.7450	1.000	1.000	1.000	1.000	1.000	1.000	0.5700		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000		
0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.4345	0.5870	0.8035	0.9840	0.9275	0.6440	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	67
0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.4590	0.6685	0.8845	1.000	1.000	0.9835		
0.6755	0.3845	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.8070	1.000	1.000	1.000	1.000	1.000	1.000	0.7595		
0.3010	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000		
0.1000	0.1000	0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.4520	0.6450	0.8930	1.000	1.000	0.6235	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	68
0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.3775	0.5435	0.7720	0.9310	0.9895	0.8545		
0.6680	0.3285	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.7290	0.9130	0.6645	0.1000	0.4795	0.6810	0.8005	0.6685		
0.3405	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.3350	0.2380		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.4780	0.7060	0.9665	1.000	1.000	0.5535	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	69
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.4745	0.5660	0.7470	0.7810	0.6880		
0.5345	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.5645	0.5480	0.4875	0.1000	0.1000	0.1000	0.4610	0.4455		
0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.4050	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
0.5535	0.7955	0.9995	0.9205	0.8620	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	70
0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.4950	0.5715	0.5965	0.5505		
0.4140	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.5325	0.5565	0.5285	0.1000	0.1000	0.0000E+00	0.1000	0.1000		
0.1000	0.0000E+00	0.1000	0.1000	0.4705	0.4760	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.2840	0.2545	1.000	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.3715	0.3820	0.2660	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
0.7340	0.9015	0.9490	0.8040	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	71
0.0000E+00	0.3900	0.2305	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.4760	0.4980	0.4550		
0.4085	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.5110	0.5955	0.5355	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.5125	0.4760	0.1000	0.0000E+00	0.0000E+00	0.1000		
0.0000E+00	0.3685	0.4800	0.4755	0.2785	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.3705	0.3455	0.2045	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
0.8460	0.9635	0.9670	0.9395	0.7725	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	72
0.1000	0.4470	0.2610	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.4980		
0.4385	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.4385	0.5960	0.5355	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.4465	0.4375	0.1000	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.5165	0.6055	0.7490	0.6780	0.8800E-01	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4925	0.3575	0.1920	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
1.000	0.9915	0.9850	0.9755	0.7145	0.3035	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	73
0.0000E+00	0.3450	0.4240	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000		
0.4305	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.5660	0.5180	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.3340	0.3025	0.1000	0.0000E+00	0.0000E+00	0.1000		
0.4125	0.5780	0.7455	0.8800	0.8285	0.3495	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4110	0.6270	0.5545	0.4160	1.000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.9940	0.9915	0.9880	0.8825	0.6235	0.4345	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	74
0.0000E+00	0.5570	0.4860	0.2320	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.1000		
0.1000	0.4630	0.3635	0.1000	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.4215	0.5400	0.4950	0.4055	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.4445	0.5955	0.8280	0.8675	0.8230	0.3605	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.4935	0.7455	0.7745	0.4410	1.000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.9985	0.9965	0.9905	0.8065	0.5320	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	75
0.0000E+00	0.7060	0.6545	0.2315	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.4265	0.4705	0.4200	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.1000	0.1000		

0.0000E+00	0.1000	0.5245	0.5795	0.4845	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.4885	0.6495	0.8385	0.9695	0.9980	0.5930	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.5490	0.8335	0.8160	0.4380	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
1.000	1.000	0.9945	0.8860	0.6380	0.4280	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	76
0.0000E+00	0.9070	0.8560	0.2375	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.5030	0.4695	0.4820	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.4585	0.4705	0.4275	0.3130	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.3850	0.7685	0.8050	0.5335	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.4950	0.6355	0.8205	1.000	1.000	0.9040	0.1200	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.3380	0.6235	0.8715	0.9155	0.4445	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.9950	0.9970	0.9925	0.8975	0.6750	0.3740	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	77
0.0000E+00	1.000	0.9760	0.4210	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.5810	0.4470	0.5660	0.4530	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.4595	0.5255	0.4840	0.3745	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.3620	0.6760	1.000	1.000	0.5495	0.1000	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.4400	0.5795	0.7960	1.000	1.000	1.000	0.3140	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3775	0.6815	0.8880	0.9175	0.5735	1.000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.9440	0.9925	0.9790	0.8350	0.5870	0.2370	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	78
0.1000	1.000	1.000	0.7470	0.2975	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.5960	0.5865	0.7240	0.6835	0.5145	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.3970	0.6745	0.6275	0.5540	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.5910	1.000	1.000	1.000	0.5680	0.1000	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.3875	0.5580	0.7940	1.000	1.000	1.000	0.3640	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4085	0.7065	0.8835	0.8630	0.5955	1.000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.9105	0.9675	0.9790	0.7935	0.4680	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	79
0.1000	0.9855	1.000	0.9105	0.4930	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.4720	0.6325	0.9160	0.9750	0.6635	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.6275	0.8455	0.8365	0.4720	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.8395	1.000	1.000	1.000	0.6365	0.1000	0.1000	0.1000	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.3655	0.5660	0.8155	1.000	1.000	1.000	0.4410	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4385	0.7095	0.8545	0.8065	0.6170	1.000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.9255	1.000	1.000	0.7250	0.2740	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	80
0.0000E+00	1.000	1.000	1.000	0.6315	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.5225	0.8960	0.9765	0.8415	0.4155	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.5245	0.9130	0.9385	0.7990	0.4200	0.1000	0.0000E+00	0.1000	0.1000		
1.000	1.000	1.000	1.000	0.9120	0.1000	0.1000	0.1000	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.3030	0.5440	0.8080	1.000	1.000	1.000	0.5800	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.4385	0.7025	0.8300	0.7985	0.6070	1.000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
1.000	1.000	1.000	0.6960	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	81
0.0000E+00	0.9815	0.9465	1.000	0.6380	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.5145	0.8780	1.000	0.9455	0.4840	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.3210	0.8350	0.9355	0.9060	0.6160	0.3470	0.1000	0.0000E+00	0.1000		
1.000	1.000	1.000	1.000	1.000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		

0.2585	0.5240	0.7785	1.000	1.000	1.000	0.5420	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.4115	0.6665	0.8020	0.7565	0.5005	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
1.000	1.000	1.000	0.8945	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	82
0.0000E+00	0.0000E+00	0.7875	0.9185	0.5760	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.6080	0.9110	1.000	1.000	0.5690	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.6100	0.9595	0.9340	0.7070	0.4620	0.1000	0.0000E+00	0.1000		
0.9720	1.000	1.000	1.000	1.000	0.4135	0.1000	0.1000	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.4830	0.7385	1.000	1.000	1.000	0.6265	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.3425	0.5350	0.7310	0.7340	0.4390	0.1155		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
1.000	1.000	1.000	1.000	0.2960	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	83
0.0000E+00	0.0000E+00	0.8140	0.7185	0.4780	0.5240	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.7065	1.000	1.000	1.000	0.6625	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.8275	0.8910	0.6775	0.4605	0.1000	0.0000E+00	0.0000E+00		
0.1000	1.000	1.000	1.000	1.000	0.6605	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.4425	0.7095	1.000	1.000	1.000	0.6510	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.2545	0.3855	0.5765	0.6180	0.3310	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.9450	0.9380	1.000	1.000	0.7630	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	84
0.0000E+00	0.8470	0.7130	0.3745	0.1000	0.4125	0.4985	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.6170	1.000	1.000	1.000	0.8210	0.4685	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.4815	0.6215	0.5325	0.4355	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	1.000	1.000	1.000	1.000	0.9570	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.4055	0.6560	1.000	1.000	1.000	0.6790	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.2275	0.3575	0.3635	0.2235	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.8405	0.8270	0.9185	1.000	1.000	0.6270	0.2615	0.1000	0.0000E+00	0.0000E+00	ROW	85
0.0000E+00	0.4295	0.3865	0.1000	0.0000E+00	0.3620	0.8455	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.4080	1.000	1.000	1.000	1.000	0.6730	0.3320	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4185	0.4175	0.3460	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.1000	1.000	1.000	1.000	1.000	0.4975	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.3610	0.6300	0.9630	1.000	1.000	0.6005	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1455	0.2770	0.1240	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.6905	0.7515	0.9125	1.000	1.000	1.000	0.5860	0.4605	0.0000E+00	0.0000E+00	ROW	86
0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.4390	1.000	0.1880	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.9350	1.000	1.000	1.000	0.9880	0.5665	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.7500	1.000	1.000	1.000	0.7500	0.2805	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.1000	0.3180	0.6055	0.9125	1.000	1.000	0.6025	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.6360	0.6690	0.8575	1.000	1.000	1.000	0.9915	0.7275	0.3995	0.0000E+00	ROW	87
0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.6080	1.000	0.4370	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.6375	1.000	1.000	1.000	1.000	0.7845	0.3700	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.1000	0.8475	1.000	1.000	1.000	0.5280	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.1000	0.2390	0.5180	0.8070	0.8930	0.9815	0.5400	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00		

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.5375	0.6440	0.8540	1.000	1.000	1.000	1.000	0.9915	0.5715	0.0000E+00	ROW	88
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.9105	1.000	0.4925	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.1000	1.000	1.000	1.000	1.000	1.000	0.6285	0.1000		
0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.3955	0.9495	1.000	1.000	0.7950	0.4910	0.2670		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.4225	0.7460	0.8380	0.8465	0.4675	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.5660	0.6490	0.8555	1.000	1.000	1.000	1.000	1.000	0.7785	0.0000E+00	ROW	89
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6545	1.000	1.000	0.7530	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.1000	0.5910	1.000	1.000	1.000	1.000	0.8695	0.5230		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.5550	1.000	1.000	0.9630	0.6490	0.4920		
0.3390	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.3260	0.6715	0.8200	0.7665	0.4240	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.5910	0.6585	0.8145	1.000	1.000	1.000	1.000	1.000	0.7885	0.0000E+00	ROW	90
0.0000E+00	0.0000E+00	0.0000E+00	0.6095	1.000	1.000	1.000	0.8725	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.0000E+00	0.1000	0.8360	1.000	1.000	1.000	0.9810	0.6645		
0.3825	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.6525	0.9165	0.9490	0.7280	0.6090		
0.5150	0.4000	0.1990	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.1000	0.1000	0.2270	0.5810	0.8220	0.7225	0.2880	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.5470	0.6340	0.7970	1.000	1.000	1.000	1.000	1.000	0.9395	0.0000E+00	ROW	91
0.0000E+00	0.0000E+00	0.3970	1.000	1.000	1.000	1.000	0.7505	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.0000E+00	0.1000	0.5065	1.000	1.000	1.000	0.9835	0.7395		
0.5510	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.3875	0.4750	0.6490	0.6830	0.6230		
0.5245	0.4210	0.1325	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.5000	0.8125	0.7635	0.4455	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.6375	0.6510	0.8125	0.9815	1.000	1.000	1.000	1.000	0.9900	0.0000E+00	ROW	92
0.0000E+00	0.0000E+00	0.6765	1.000	1.000	1.000	1.000	0.4325	0.0000E+00	0.0000E+00		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.8145	1.000	0.9870	0.9575	0.8265		
0.6290	0.2860	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.3505	0.4575	0.5670		
0.4570	0.3970	0.2260	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.4685	0.8445	0.7620	0.8725	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.6420	0.6710	0.7670	0.9695	1.000	1.000	1.000	1.000	0.9565	0.0000E+00	ROW	93
0.0000E+00	0.0000E+00	0.7735	1.000	1.000	1.000	1.000	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.6215	0.8950	0.9780	0.9425	0.8825		
0.6735	0.3875	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.3345		
0.5805	0.4575	0.4340	0.1560	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.4275	0.8135	0.9000	0.8205	0.5405	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

0.5495	0.6450	0.7850	1.000	1.000	1.000	1.000	1.000	0.7455	0.0000E+00	ROW	94
0.0000E+00	0.0000E+00	0.8435	1.000	1.000	1.000	1.000	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.5090	0.7510	0.9505	0.9390	0.9390		
0.7070	0.4665	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.3680	0.6525	0.6635	0.4125	1.000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.3900	0.6865	0.9330	0.8610	0.9205	0.2525	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.4875	0.4980	0.7795	1.000	1.000	1.000	1.000	1.000	0.0000E+00	0.0000E+00	ROW	95
0.0000E+00	0.0000E+00	0.6875	1.000	1.000	1.000	1.000	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4275	0.6470	0.8995	0.9345	0.9440		
0.7215	0.4155	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.4425	0.7680	0.6800	0.2590	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.3145	0.5975	0.9110	0.8925	0.8770	0.5990	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.4790	0.4500	0.7410	1.000	1.000	1.000	1.000	1.000	0.3610	0.0000E+00	ROW	96
0.0000E+00	0.0000E+00	0.0000E+00	1.000	1.000	1.000	0.5190	0.0000E+00	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.5805	0.8420	0.9660	0.9440		
0.6865	0.2760	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1735	0.6970	0.7950	0.5380	1.000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.4990	0.8130	0.8910	0.8645	0.7220	0.3220		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.4840	0.4500	0.6575	1.000	1.000	1.000	1.000	0.8865	0.1000	0.0000E+00	ROW	97
0.0000E+00	0.0000E+00	0.0000E+00	1.000	1.000	1.000	0.1000	0.0000E+00	0.1000	0.4070		
0.4675	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.4910	0.7530	0.9550	0.8925		
0.6115	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.5770	0.8150	0.7445	0.3985	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.4275	0.7090	0.9045	0.8570	0.7370	0.2965		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.4425	0.4255	0.5035	0.9135	1.000	1.000	1.000	0.7135	0.1000	0.0000E+00	ROW	98
0.0000E+00	0.0000E+00	0.0000E+00	0.9565	1.000	1.000	0.0000E+00	0.0000E+00	0.1000	0.4845		
0.6160	0.3795	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.6165	0.7585	0.6945		
0.6005	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.4140	0.9145	0.8350	0.6900	0.3800E-01	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.3270	0.5825	0.8290	0.8925	0.6920	0.2600		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.4870	0.3980	0.3825	0.6700	0.8290	0.8180	0.7475	0.5410	0.0000E+00	0.0000E+00	ROW	99
0.0000E+00	0.0000E+00	0.1000	0.7685	1.000	0.4550	0.0000E+00	0.0000E+00	0.1755	0.7400		
0.8770	0.4425	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4480	0.6445	0.6620		
0.6700	0.3755	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.8990	1.000	1.000	0.2150	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4815	0.6720	0.7305	0.5785	0.3165		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000		
0.0000E+00	0.1000	0.5535	0.6360	0.5155	0.5835	0.0000E+00	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.4775	0.3755	0.4120	0.4550	0.4720	0.4370	0.1000	0.1000	0.1000	0.1000	ROW	100
0.0000E+00	0.0000E+00	0.1000	0.4895	0.5400	0.0000E+00	0.0000E+00	0.0000E+00	0.4630	0.8950		

0.8605	0.3110	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.5475	0.7685		
0.6830	0.4670	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1000	0.1000	0.1000	0.1000	0.1000	0.2690	0.1905	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.6955	1.000	1.000	0.8895	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.5195	0.5395	0.5280	0.2965		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.0000E+00	0.1000	0.5960	0.7250	0.5990	0.6140	0.5320	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.3330	0.3930	0.4405	0.4295	0.1000	0.1000	0.1000	0.0000E+00	0.1000	0.1000	0.1000	ROW 101
0.0000E+00	0.0000E+00	0.0000E+00	0.3070	0.3315	0.0000E+00	0.0000E+00	0.1000	0.6530	0.9130		
0.8410	0.2275	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4255	0.9815		
0.9850	0.7170	0.1910	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.3200	0.5540	0.6770	0.5900	0.4020	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.4350	1.000	1.000	1.000	0.1945	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4585	0.5150	0.4545	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.5175	0.6840	0.8055	0.6885	0.7305	0.5490	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.1000	0.5525	0.6940	0.4860	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	ROW 102
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2525	0.7710	0.9325		
0.7830	0.1685	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4155	1.000		
1.000	1.000	0.5555	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.2845	0.7185	0.9195	0.8035	0.8415	0.5415	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.9995	1.000	1.000	0.9315	0.9950E-01	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4385	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3870		
0.5840	0.6935	0.7470	0.8420	0.8265	0.7530	0.5770	0.3520	0.1000	0.1000		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.5685	0.9095	1.000	0.6845	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	ROW 103
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.3950	0.8330	0.8615		
0.5945	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4920	1.000		
1.000	1.000	1.000	0.1525	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.4185	0.8970	0.9090	0.8415	0.9245	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6135	1.000	1.000	1.000	0.7460	0.2110		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.6395		
0.7260	0.8000	0.9335	1.000	1.000	0.8425	0.6675	0.4345	0.1000	0.1000		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.7580	1.000	1.000	1.000	0.3510	0.0000E+00	0.0000E+00	0.1000	0.4285	0.1000	0.1000	ROW 104
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4755	0.8845	0.7930		
0.4255	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5860	1.000		
1.000	1.000	1.000	0.6725	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.5080	0.9275	1.000	0.9570	0.6395		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9875	1.000	1.000	1.000	0.6755		
0.3555	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.6365	0.7895		
0.9080	1.000	1.000	1.000	1.000	1.000	0.7625	0.5365	0.3955	0.1000		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.8770	1.000	1.000	1.000	0.7775	0.1000	0.0000E+00	0.0000E+00	0.4435	0.3820	0.1000	ROW 105
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4655	0.7215	0.5705		
0.2645	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.6685	1.000		
1.000	1.000	1.000	1.000	0.4245	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.5395	0.9600	0.8545	0.4510		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6785	1.000	1.000	1.000	0.9340		
0.5260	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.3815	0.8010	0.9795		
1.000	1.000	1.000	1.000	1.000	1.000	0.8930	0.6495	0.4710	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.7585	1.000	1.000	1.000	1.000	0.4175	0.0000E+00	0.0000E+00	0.4055	0.4255	0.1000	ROW 106
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.3760	0.5045	0.3275		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.6320	1.000		
1.000	1.000	1.000	1.000	0.9050	0.3270	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.6030	0.6735	0.1555		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5165	1.000	1.000	1.000	1.000		
0.6370	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.3895	0.7010	0.9730	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.7490	0.5605	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00						
0.6095	0.8630	1.000	1.000	1.000	0.7645	0.1000	0.0000E+00	0.0000E+00	0.3010	ROW	107
0.3285	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.1000	0.4745	0.8025		
1.000	1.000	1.000	1.000	1.000	0.6945	0.2345	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.4585	0.4475	0.1425		
0.6450E-01	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4425	0.8025	1.000	1.000	1.000		
0.6790	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3470	0.6390	0.9150	1.000	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.8755	0.6370	0.3575		
0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00						
0.4090	0.6020	0.8375	1.000	1.000	0.9605	0.4315	0.1000	0.0000E+00	0.2815	ROW	108
0.3340	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.5775		
0.9035	1.000	1.000	1.000	1.000	0.9205	0.4605	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.2510	0.1750		
0.1285	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6115	0.9635	1.000	1.000		
0.6225	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.3130	0.5965	0.8430	1.000	1.000	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.7310	0.4235		
0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00						
0.1000	0.1000	0.4225	0.6345	0.7795	0.7735	0.6065	0.3125	0.0000E+00	0.1000	ROW	109
0.4070	0.3200	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00		
0.1000	0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.6900	1.000	1.000	1.000	1.000	1.000	0.5950	0.3400	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1015		
0.2380	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4140	0.7240	0.8870	0.7985		
0.4005	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.3560	0.5930	0.8260	1.000	1.000	1.000	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.8340	0.5120		
0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00						
0.1000	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.5655	0.6205	0.5525	0.3530	0.1000	ROW	110
0.5640	0.7680	0.2305	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000		
0.2660	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.4125	0.8065	1.000	1.000	1.000	0.9795	0.7085	0.4825	0.1000	0.1000		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4590	0.5300	0.4350		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.1000	0.1000		
0.0000E+00	0.1000	0.4065	0.6075	0.8155	1.000	1.000	1.000	1.000	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.9245	0.5610		
0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00						
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4885	0.6530	0.8165	0.7270	ROW	111
1.000	1.000	0.5600	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.2625		
0.3535	0.3135	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.4875	0.8465	1.000	1.000	0.9560	0.8625	0.6105	0.3755	0.1000		
0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000		
0.1000	0.4845	0.6805	0.8605	1.000	1.000	1.000	1.000	1.000	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.9265	0.5525		
0.1000	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00						
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4885	0.9360	1.000	ROW	112
1.000	1.000	0.8855	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.2890		
0.2985	0.2805	0.3065	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.5005	0.7905	0.9920	0.9610	0.9235	0.7620	0.5090	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000		

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.5130	0.7500	0.9235	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.8870	0.4865	
0.1000	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00						
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4950	1.000	ROW	113
1.000	1.000	0.8475	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.2515		
0.2645	0.2625	0.3460	0.1000	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.5500	0.8255	0.9925	0.9435	0.8760	0.6020	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.3715	0.4540	0.5860		
0.8045	0.9840	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.7815	0.3705		
0.1000	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00						
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.3355	ROW	114
0.5255	0.5985	0.5765	0.2890	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000		
0.2885	0.3575	0.4030	0.3420	0.1000	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.3800	0.6180	0.9075	0.9510	0.9435	0.6595	0.1000		
0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.2895	0.2645	0.2395	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.4480	0.5700	0.7135	0.8760		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.6000	0.1000		
0.1000	0.0000E+00	0.1000	0.0000E+00	0.0000E+00	0.0000E+00						
0.4560	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	115
0.1000	0.1000	0.4010	0.3550	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.2325	0.4640	0.6400	0.4925	0.2260	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.4295	0.6965	0.9250	0.9595	0.7000	0.3490		
0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.4005	0.2575	0.3215	0.1000		
0.1000	0.1000	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.4165	0.5345	0.6300	0.7625	0.9600	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	0.9990	0.7940	0.3760	0.1000		
0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00						
0.6825	0.5235	0.3155	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	116
0.0000E+00	0.0000E+00	0.3000	0.3085	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.2030	0.5560	0.8490	0.7585	0.4070	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.4160	0.6270	0.7185	0.5535	0.4495		
0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.2730	0.2605	0.3075	0.0000E+00		
0.0000E+00	0.1000	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.5200	0.6480	0.7810	0.9665	1.000	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
1.000	1.000	0.6900	0.4605	0.4540	0.6085	0.6065	0.4520	0.1000	0.1000		
0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
0.8700	0.6445	0.4040	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	117
0.0000E+00	0.0000E+00	0.2330	0.2180	0.1755	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1940	0.5765	0.9295	0.9305	0.5955	0.2280	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.1000	0.1000	0.3160	0.4215	0.4055		
0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.2710	0.3540	0.1000		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.4315	0.5940	0.7440	0.9170	1.000	1.000	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		
0.9050	0.4280	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
1.000	0.7825	0.4695	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	118
0.0000E+00	0.0000E+00	0.3005	0.2215	0.2330	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.6310	1.000	1.000	0.7030	0.2780	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000		
0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.4105	0.1000		
0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.4880	0.6235	0.8140	0.9830	1.000	0.9890	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000		

0.5110	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.1000	ROW	119
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
1.000	0.8405	0.4575	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.2930	0.4195	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.1000	0.6285	1.000	1.000	0.7970	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.1000	0.1000		
0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.5090	0.6830	0.8520	0.9970	1.000	0.9920	1.000		
1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.8085		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.0000E+00	0.1000	0.1000	0.1000	0.1000		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						
1.000	0.8980	0.5640	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	120
0.0000E+00	0.0000E+00	0.1000	0.4525	0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1000	0.6675	1.000	1.000	0.8895	0.3130	0.0000E+00	0.0000E+00	0.0000E+00	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1000	0.1000	0.5030	0.6835	0.8375	0.9400	0.9695	0.9795	0.9760		
0.9670	0.9675	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.5420		
0.1000	0.0000E+00	0.0000E+00	0.0000E+00	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00						

5872.	5790.	5707.	9000.	9000.	9000.	9000.	6214.	6304.	6586.	ROW	1
6614.	6591.	6497.	6319.	6175.	5996.	5673.	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	6832.	0.1100E+05	0.1100E+05	0.1100E+05		
0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	6930.	6842.	6282.	5818.		
3269.	300.0	300.0	300.0	300.0	5211.	5406.	5503.	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	4000.	4000.	4000.	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
5852.	5767.	5656.	9000.	9000.	9000.	9000.	6266.	6759.	6421.	ROW	2
6363.	5919.	5705.	5719.	5730.	5660.	5546.	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	6533.	6886.	7250.	7476.	7366.	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	7008.	6756.	6277.	4823.		
2807.	300.0	300.0	300.0	300.0	4621.	4916.	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	4000.	4000.	4000.	4000.	4000.	4000.	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
5823.	5736.	5635.	5575.	9000.	9000.	9000.	6303.	6613.	6201.	ROW	3
5491.	4837.	4906.	5093.	5311.	5304.	5283.	5651.	0.0000E+00	0.0000E+00		
6316.	6765.	6984.	7520.	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	6977.	6591.	6071.	4190.		
300.0	300.0	300.0	300.0	300.0	300.0	4429.	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	4000.	4000.	4000.	4000.	4000.	4000.	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
5783.	5696.	5604.	9000.	9000.	9000.	9000.	6748.	6319.	5777.	ROW	4
4627.	4219.	4325.	4620.	4859.	4995.	5012.	5731.	6217.	6337.		
6440.	6816.	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	6877.	6240.	5111.	300.0		
300.0	300.0	300.0	300.0	300.0	300.0	3978.	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
5745.	5668.	5566.	9000.	9000.	9000.	9000.	6563.	5950.	5013.	ROW	5
4013.	3683.	4006.	4360.	4902.	5122.	5232.	5981.	6300.	6423.		
6924.	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	7198.	6653.	5939.	300.0	300.0		
300.0	300.0	300.0	300.0	300.0	300.0	3695.	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
5704.	5625.	5530.	9000.	9000.	9000.	9000.	6391.	5870.	4614.	ROW	6
3726.	3639.	3887.	4198.	4780.	4960.	5135.	5994.	6389.	6450.		
6811.	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	6974.	6345.	5605.	300.0	300.0		
300.0	300.0	300.0	300.0	300.0	300.0	3555.	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
5675.	5605.	5517.	9000.	9000.	9000.	9000.	6238.	5376.	4338.	ROW	7
3641.	4005.	4224.	2000.	2000.	2000.	5004.	5913.	6505.	6959.		

0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	7135.	6575.	6040.	5166.	300.0	300.0		
300.0	300.0	300.0	300.0	300.0	300.0	3333.	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	4000.	4000.	4000.	4000.	4000.	4000.	4000.	4000.		
4000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
5656.	5594.	5577.	9000.	9000.	9000.	9000.	6159.	5139.	4155.	ROW	8
3970.	4082.	2000.	2000.	2000.	2000.	5619.	5903.	6064.	6857.		
0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
0.1100E+05	0.1100E+05	0.1100E+05	7214.	6661.	6106.	5445.	4741.	300.0	300.0		
300.0	300.0	300.0	300.0	300.0	300.0	3280.	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	4000.	4000.	4000.	4000.	4000.	4000.		
4000.	4000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
300.0	5574.	9000.	9000.	9000.	9000.	9000.	5811.	4812.	3939.	ROW	9
3945.	4128.	2000.	2000.	2000.	2000.	5670.	5822.	7132.	0.1100E+05		
0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
0.1100E+05	0.1100E+05	7528.	6601.	5941.	5381.	4689.	4471.	300.0	300.0		
300.0	300.0	300.0	300.0	300.0	300.0	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	4000.	4000.	4000.	4000.	4000.	4000.		
4000.	4000.	4000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
300.0	5599.	9000.	9000.	9000.	9000.	9000.	5656.	4588.	3820.	ROW	10
4020.	2000.	2000.	2000.	2000.	2000.	5509.	5811.	6721.	0.1100E+05		
0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
0.1100E+05	7052.	6012.	5286.	4861.	4600.	4239.	3942.	300.0	300.0		
300.0	300.0	300.0	300.0	300.0	300.0	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	4000.	4000.	4000.	4000.	4000.	4000.		
4000.	4000.	4000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
5691.	5723.	9000.	9000.	9000.	9000.	9000.	5699.	4566.	3741.	ROW	11
4016.	2000.	2000.	2000.	2000.	2000.	2000.	5880.	6556.	6710.		
0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
7305.	5926.	4777.	4197.	4069.	4067.	4000.	300.0	300.0	300.0		
300.0	300.0	300.0	300.0	300.0	300.0	3080.	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	4000.	4000.	4000.	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
5782.	5905.	6010.	9000.	9000.	9000.	6504.	5728.	4674.	4133.	ROW	12
4081.	2000.	2000.	2000.	2000.	2000.	2000.	6682.	6607.	6792.		
7080.	7499.	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
6176.	4707.	4160.	3826.	3763.	3741.	3702.	300.0	300.0	300.0		
300.0	300.0	300.0	300.0	300.0	300.0	0.1387E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05		
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05		
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
5912.	6029.	6107.	9000.	9000.	9000.	6542.	5871.	4849.	4117.	ROW	13
4130.	2000.	2000.	2000.	2000.	2000.	2000.	6715.	6766.	6864.		
7266.	8014.	8817.	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05	0.1100E+05		
5416.	3899.	3962.	4015.	3433.	3168.	3077.	300.0	300.0	300.0		

300.0	300.0	300.0	300.0	300.0	0.1419E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
6051.	6201.	6317.	9000.	9000.	9000.	6502.	5777.	4828.	4324.	ROW 14
4178.	2000.	2000.	2000.	2000.	2000.	2000.	6545.	6518.	6711.	
7368.	8329.	8978.	9215.	8936.	9208.	8833.	8855.	8242.	7006.	
5270.	3997.	3941.	3769.	3379.	2799.	300.0	300.0	300.0	300.0	
300.0	300.0	300.0	300.0	300.0	0.1442E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
6155.	6274.	6411.	6534.	9000.	9000.	6511.	5828.	4977.	4172.	ROW 15
4240.	2000.	2000.	2000.	2000.	2000.	2000.	6417.	6356.	6441.	
7435.	8621.	9026.	9097.	8953.	9826.	9635.	8881.	7713.	6183.	
4941.	4195.	4049.	3937.	3481.	2642.	300.0	300.0	300.0	300.0	
300.0	300.0	300.0	300.0	300.0	0.1449E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
5715.	6224.	6478.	6702.	9000.	9000.	9000.	5997.	5212.	4400.	ROW 16
4331.	2000.	2000.	2000.	2000.	2000.	2000.	6386.	6219.	6384.	
7501.	8799.	9033.	9112.	9344.	0.1005E+05	300.0	300.0	300.0	300.0	
300.0	4134.	3994.	4064.	3970.	300.0	300.0	300.0	300.0	300.0	
300.0	300.0	300.0	300.0	4726.	0.1453E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
4969.	6167.	6474.	6657.	9000.	9000.	9000.	6125.	5298.	4310.	ROW 17
4222.	4342.	2000.	2000.	2000.	2000.	2000.	2000.	6340.	6782.	
7923.	8750.	8954.	8881.	9432.	300.0	300.0	300.0	300.0	300.0	
300.0	300.0	4012.	4011.	3913.	300.0	300.0	300.0	300.0	300.0	
300.0	300.0	300.0	300.0	4893.	4721.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	4000.	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
4997.	5526.	6016.	6485.	9000.	9000.	9000.	6293.	5512.	4706.	ROW 18
4469.	4410.	2000.	2000.	2000.	2000.	6716.	5000.	5000.	7493.	
8695.	9001.	9039.	8839.	9263.	8742.	300.0	300.0	300.0	300.0	
300.0	300.0	300.0	3783.	3776.	300.0	300.0	300.0	300.0	300.0	
300.0	300.0	300.0	5191.	5171.	5014.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	4000.	4000.	4000.	4000.	0.1000E+05	
0.1000E+05	4000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
5146.	5341.	5684.	6362.	6850.	9000.	9000.	6534.	5821.	5108.	ROW 19
4382.	4517.	4619.	2000.	2000.	5000.	5000.	5000.	5000.	5000.	
5000.	9006.	8932.	8754.	8633.	8026.	300.0	300.0	300.0	300.0	
300.0	300.0	300.0	300.0	300.0	300.0	3475.	3623.	300.0	300.0	
300.0	4267.	5331.	5735.	5589.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	

0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	4000.	4000.	4000.	4000.	4000.	
0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
5329.	300.0	300.0	6453.	6993.	9000.	9000.	6711.	6096.	5355.	ROW	20
4585.	4577.	4592.	4919.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	7915.	7156.	5927.	4818.	300.0	300.0	300.0	
300.0	300.0	300.0	300.0	300.0	300.0	3486.	4103.	3977.	3882.	3882.	
4180.	4877.	5689.	6015.	5809.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	4000.	4000.	4000.	4000.	4000.	
4000.	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
5607.	300.0	300.0	300.0	6851.	9000.	9000.	6814.	6186.	5528.	ROW	21
4678.	4169.	4449.	4607.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5731.	5195.	4494.	4193.	4193.	
3795.	300.0	300.0	300.0	300.0	300.0	3169.	3679.	3954.	4302.	4302.	
4726.	5383.	5968.	6261.	5870.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	4000.	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
5824.	300.0	300.0	300.0	6665.	9000.	9000.	9000.	6285.	5742.	ROW	22
4725.	3962.	3936.	4285.	5260.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	4903.	4609.	4609.	
4221.	3851.	3593.	300.0	300.0	300.0	3336.	3607.	4070.	4591.	4591.	
5073.	5672.	6238.	6436.	5865.	0.1000E+05	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6045.	300.0	300.0	300.0	300.0	7363.	9000.	9000.	6429.	5821.	ROW	23
4757.	3493.	3283.	4165.	5245.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5520.	5060.	5060.	
4840.	4327.	4257.	4112.	3957.	3859.	3796.	3815.	4656.	4913.	4913.	
5343.	5913.	6409.	6586.	6079.	0.1000E+05	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6262.	300.0	300.0	6123.	6560.	6977.	9000.	9000.	6604.	5784.	ROW	24
4497.	3312.	3141.	3967.	5133.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5810.	5541.	5541.	
5332.	5021.	5197.	5188.	5003.	4792.	4513.	4465.	4814.	5149.	5149.	
5520.	6200.	6569.	6312.	6042.	0.1000E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
300.0	300.0	300.0	6091.	6495.	6600.	9000.	9000.	6844.	5917.	ROW	25
4503.	3070.	3244.	3709.	4534.	4889.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	6464.	5812.	5812.	
5759.	5631.	5729.	5708.	5569.	5283.	5123.	4977.	5034.	5234.	5234.	
5634.	6346.	6751.	6377.	6104.	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
300.0	300.0	300.0	300.0	6718.	6778.	9000.	9000.	7024.	6177.	ROW 26
4605.	3287.	3438.	3756.	4583.	300.0	300.0	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	6272.	6027.	
5771.	5677.	5802.	5683.	5343.	5335.	5112.	5153.	5197.	5344.	
5828.	6618.	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
300.0	300.0	300.0	300.0	6805.	6827.	9000.	9000.	9000.	6137.	ROW 27
5012.	3482.	3478.	3622.	300.0	300.0	300.0	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	7783.	7563.	6701.	5747.	5722.	
5218.	5286.	5479.	5589.	5256.	5261.	5204.	5180.	5154.	5408.	
5927.	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
300.0	300.0	300.0	6593.	6878.	6965.	9000.	9000.	6991.	6187.	ROW 28
4843.	3531.	3711.	3796.	300.0	300.0	300.0	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	300.0	300.0	300.0	5380.	4830.	
4885.	4649.	5082.	5395.	5413.	5208.	5123.	5116.	5149.	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6404.	300.0	300.0	6774.	6996.	7089.	9000.	9000.	7153.	6321.	ROW 29
5400.	3779.	3675.	3932.	300.0	300.0	300.0	300.0	5000.	5000.	
5000.	5000.	5000.	5000.	991.8	300.0	300.0	300.0	4472.	4070.	
4047.	4170.	4602.	4915.	5191.	5244.	5031.	5034.	5142.	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6339.	300.0	300.0	7038.	7128.	7207.	9000.	9000.	9000.	6557.	ROW 30
5891.	4180.	3822.	4049.	300.0	300.0	300.0	300.0	300.0	975.4	
981.1	964.5	969.9	973.1	984.9	961.7	300.0	300.0	3227.	3075.	
3248.	3686.	4161.	4483.	4881.	5097.	4918.	4966.	5051.	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6171.	300.0	300.0	7088.	7122.	7258.	9000.	9000.	9000.	6779.	ROW 31
6406.	5514.	4335.	4130.	300.0	300.0	300.0	300.0	300.0	958.7	
966.1	963.7	959.8	962.5	971.2	961.2	300.0	300.0	300.0	2334.	
2728.	3368.	3882.	4301.	4622.	4940.	4936.	4799.	4948.	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	

6189.	300.0	6990.	7189.	7276.	7349.	9000.	9000.	9000.	9000.	ROW 32
6653.	6267.	5434.	4341.	300.0	300.0	300.0	300.0	300.0	940.8	
948.4	954.3	957.4	957.3	960.0	943.3	300.0	300.0	300.0	2461.	
2585.	3220.	3738.	4104.	4406.	4886.	5003.	4839.	4864.	0.1500E+05	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6058.	6254.	7024.	7254.	7348.	7376.	9000.	9000.	9000.	9000.	ROW 33
6921.	6781.	6081.	4882.	300.0	300.0	300.0	300.0	300.0	300.0	
939.9	949.7	956.0	955.4	948.7	300.0	300.0	300.0	300.0	2430.	
2572.	3121.	3524.	3694.	4028.	4770.	4951.	4793.	4699.	5128.	
0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1500E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
5991.	6571.	7134.	7311.	7348.	7328.	9000.	9000.	9000.	9000.	ROW 34
7029.	6950.	6412.	5245.	300.0	300.0	300.0	300.0	300.0	300.0	
940.9	945.2	949.3	952.4	952.9	940.4	300.0	300.0	300.0	2557.	
2501.	2807.	3088.	3205.	3352.	3747.	4616.	4702.	4732.	4853.	
5501.	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	0.1500E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6297.	6876.	7138.	7290.	7207.	7132.	9000.	9000.	9000.	9000.	ROW 35
7017.	6915.	6278.	5196.	300.0	300.0	300.0	300.0	300.0	300.0	
300.0	940.9	945.4	947.0	953.9	947.0	300.0	300.0	300.0	2651.	
2547.	2596.	2827.	2838.	2926.	2574.	2965.	4077.	4231.	4547.	
5313.	6235.	6400.	6371.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6409.	6554.	6597.	6814.	6869.	6854.	8500.	8500.	8500.	8500.	ROW 36
6978.	6694.	6217.	5240.	300.0	300.0	300.0	300.0	300.0	300.0	
300.0	300.0	944.5	946.8	949.9	950.0	300.0	300.0	300.0	2901.	
2676.	2595.	2679.	2820.	2710.	2591.	2413.	2921.	4180.	4427.	
5102.	6116.	6505.	6468.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6413.	6400.	6356.	6469.	6555.	6626.	8500.	8500.	8500.	8500.	ROW 37
8500.	6616.	6162.	5335.	300.0	300.0	300.0	300.0	300.0	300.0	
300.0	300.0	944.3	943.9	949.0	951.1	300.0	300.0	300.0	300.0	
300.0	300.0	300.0	300.0	2845.	2914.	2424.	2519.	4128.	4585.	
4905.	6004.	6722.	6925.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6458.	6445.	6409.	6415.	6447.	300.0	8500.	8500.	8500.	8500.	ROW 38
8500.	6432.	6083.	5457.	300.0	300.0	300.0	300.0	300.0	300.0	

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0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
7705.	7551.	7159.	6335.	200.0	200.0	200.0	5440.	6136.	6000.	ROW 57
6000.	6000.	6000.	6000.	6466.	6090.	200.0	200.0	200.0	200.0	
978.6	992.5	984.1	984.0	986.2	993.7	965.9	300.0	300.0	300.0	
300.0	300.0	300.0	300.0	300.0	300.0	3000.	300.0	3000.	3000.	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
7806.	7680.	7416.	6500.	5260.	200.0	200.0	200.0	6028.	6000.	ROW 58
6000.	6000.	6000.	6000.	6461.	6102.	200.0	200.0	200.0	200.0	
994.8	991.0	985.9	5000.	5000.	5000.	5000.	5000.	300.0	300.0	
300.0	300.0	300.0	300.0	300.0	300.0	300.0	3000.	3000.	3000.	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
7380.	7593.	7338.	6562.	5601.	200.0	200.0	200.0	5503.	6177.	ROW 59
6000.	6000.	6000.	6000.	6365.	6016.	200.0	200.0	200.0	200.0	
976.4	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
300.0	300.0	300.0	300.0	300.0	300.0	300.0	3000.	3000.	3000.	
6847.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6966.	7297.	7532.	7184.	6375.	200.0	200.0	200.0	5240.	6090.	ROW 60
6000.	6000.	6000.	6000.	6412.	6100.	5560.	200.0	200.0	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	3000.	
6081.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6698.	7035.	7222.	7743.	7325.	200.0	200.0	200.0	4872.	5940.	ROW 61
6346.	6000.	6000.	6000.	6000.	6287.	5535.	200.0	200.0	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	300.0	300.0	300.0	300.0	300.0	300.0	300.0	300.0	3000.	
5677.	7473.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6533.	6820.	7173.	7608.	7491.	6030.	200.0	200.0	200.0	5331.	ROW 62
6250.	6000.	6000.	6000.	6422.	5943.	5464.	200.0	200.0	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	300.0	300.0	300.0	300.0	2000.	2000.	2000.	2000.	3000.	
5771.	7086.	8863.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	6000.	6000.	6000.	
6000.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	3000.	3000.	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	

6521.	6732.	6905.	7297.	7402.	6872.	200.0	200.0	200.0	4917.	ROW 63
5945.	6307.	6000.	6000.	6079.	5556.	5466.	4974.	200.0	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	300.0	3615.	2287.	2688.	2000.	2000.	2000.	2000.	2000.	
2000.	7286.	8647.	0.1009E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6536.	6768.	7014.	7110.	7207.	7012.	5550.	200.0	200.0	200.0	ROW 64
5460.	6091.	6252.	6119.	5728.	5464.	4753.	200.0	200.0	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	300.0	4503.	2555.	2517.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	3000.	3000.	3000.	3000.	
3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6399.	6649.	6931.	7104.	7117.	6962.	5879.	200.0	200.0	200.0	ROW 65
5164.	5691.	5876.	5790.	5514.	5060.	200.0	200.0	200.0	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	3404.	2356.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6205.	6453.	6766.	6998.	7115.	6923.	6120.	200.0	200.0	200.0	ROW 66
4948.	5350.	5543.	5516.	5291.	4757.	200.0	200.0	200.0	200.0	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	3513.	2801.	2830.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
5833.	6139.	6514.	7008.	7125.	7008.	6323.	200.0	200.0	200.0	ROW 67
4824.	5139.	5320.	5405.	5149.	4541.	200.0	200.0	200.0	200.0	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	3816.	3164.	3185.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
4906.	5448.	6340.	6943.	7070.	6953.	6738.	200.0	200.0	200.0	ROW 68
200.0	5020.	5212.	5444.	5119.	200.0	200.0	200.0	200.0	200.0	
5005.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	3681.	3495.	3215.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
5384.	5455.	6291.	6815.	6980.	6949.	6780.	200.0	200.0	200.0	ROW 69
200.0	200.0	5117.	5267.	200.0	200.0	200.0	200.0	200.0	200.0	

5248.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	3618.	3617.	3765.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	200.0	6000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
5874.	6179.	6352.	6725.	6853.	6930.	6836.	200.0	200.0	200.0	ROW 70
200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	
5413.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	4384.	3870.	4133.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	0.1000E+05	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
200.0	200.0	6000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6012.	6350.	6471.	6517.	6674.	6868.	7018.	200.0	200.0	200.0	ROW 71
200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	
200.0	7348.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	4673.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	0.1000E+05	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
200.0	200.0	200.0	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6149.	6198.	6247.	6498.	6448.	6710.	7069.	200.0	200.0	200.0	ROW 72
200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	
200.0	7110.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	0.1000E+05	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
200.0	200.0	200.0	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6214.	6283.	6305.	6416.	6488.	6524.	6804.	200.0	200.0	200.0	ROW 73
200.0	200.0	200.0	200.0	200.0	200.0	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	5000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	0.1000E+05	0.1000E+05	
0.1000E+05	0.1000E+05	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
200.0	200.0	200.0	3000.	3000.	3000.	3000.	3000.	6000.	200.0	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
6254.	6337.	6356.	6432.	6445.	6450.	200.0	200.0	200.0	200.0	ROW 74
200.0	200.0	200.0	200.0	200.0	200.0	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	5000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	0.1000E+05	
0.1000E+05	0.1000E+05	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
200.0	200.0	200.0	3000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6288.	6432.	6462.	6365.	6470.	6383.	200.0	200.0	200.0	200.0	ROW 75
200.0	200.0	200.0	200.0	200.0	200.0	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	2000.	2000.	2000.	

2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	0.1000E+05	
0.1000E+05	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	200.0	
200.0	6000.	6000.	3000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6282.	6454.	6533.	6464.	6344.	6186.	200.0	200.0	200.0	200.0	ROW 76
200.0	200.0	200.0	200.0	200.0	200.0	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	5000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	5000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
0.1000E+05	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
200.0	200.0	6000.	3000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
6248.	6407.	6528.	6439.	6234.	5976.	200.0	4933.	200.0	200.0	ROW 77
200.0	200.0	200.0	200.0	200.0	200.0	2000.	2000.	2000.	2000.	
2000.	500.0	500.0	500.0	2000.	2000.	5000.	5000.	5000.	5000.	
5000.	5000.	5000.	5000.	5000.	5000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
0.1000E+05	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
200.0	200.0	6000.	3000.	3000.	3000.	3000.	3000.	3000.	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
6233.	6357.	6455.	6408.	6125.	5779.	5166.	4640.	200.0	200.0	ROW 78
200.0	200.0	200.0	200.0	200.0	200.0	200.0	2000.	2000.	2000.	
2000.	500.0	500.0	500.0	2000.	2000.	2000.	200.0	200.0	200.0	
5000.	5000.	5000.	5000.	5000.	5000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
3000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
200.0	200.0	6000.	3000.	3000.	3000.	3000.	3000.	3000.	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
6197.	6314.	6452.	6306.	5976.	5484.	4646.	4071.	200.0	200.0	ROW 79
200.0	200.0	200.0	200.0	200.0	200.0	300.0	2000.	2000.	2000.	
2000.	500.0	500.0	500.0	2000.	2000.	2000.	2000.	200.0	200.0	
5000.	5000.	5000.	5000.	5000.	5000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
3000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	200.0	
200.0	200.0	6000.	3000.	3000.	3000.	3000.	3000.	3000.	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
6117.	6421.	6493.	6314.	5910.	5209.	4264.	3708.	200.0	200.0	ROW 80
200.0	200.0	200.0	200.0	200.0	200.0	300.0	200.0	2000.	2000.	
2000.	2000.	500.0	500.0	500.0	2000.	2000.	2000.	2000.	200.0	
200.0	5000.	5000.	5000.	5000.	5000.	5000.	2000.	2000.	2000.	
2000.	500.0	500.0	500.0	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	200.0	
200.0	200.0	6000.	3000.	3000.	3000.	3000.	3000.	3000.	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
6282.	6555.	6539.	6418.	5992.	5088.	4218.	3458.	200.0	200.0	ROW 81
200.0	200.0	200.0	200.0	200.0	200.0	300.0	200.0	2000.	2000.	
2000.	2000.	500.0	500.0	500.0	2000.	2000.	2000.	2000.	200.0	
200.0	5000.	5000.	5000.	5000.	5000.	5000.	2000.	2000.	2000.	
2000.	500.0	500.0	500.0	500.0	500.0	2000.	2000.	2000.	2000.	
2000.	3000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	

6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
200.0	6000.	6000.	6000.	3000.	3000.	3000.	3000.	3000.	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6553.	6584.	6602.	6514.	6194.	5318.	4424.	3419.	200.0	200.0	ROW 82
200.0	200.0	200.0	200.0	200.0	200.0	300.0	200.0	200.0	2000.	
2000.	2000.	500.0	500.0	500.0	500.0	2000.	2000.	2000.	200.0	
200.0	200.0	5000.	5000.	5000.	5000.	5000.	5000.	2000.	2000.	
2000.	500.0	500.0	500.0	500.0	500.0	2000.	2000.	2000.	2000.	
2000.	2000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	200.0	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	3000.	3000.	3000.	3000.	3000.	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6475.	6602.	6620.	6641.	6405.	5745.	4771.	3774.	200.0	200.0	ROW 83
200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	2000.	
2000.	2000.	500.0	500.0	500.0	500.0	500.0	2000.	2000.	2000.	
200.0	200.0	5000.	5000.	5000.	5000.	5000.	3000.	3000.	2000.	
2000.	500.0	500.0	500.0	500.0	500.0	2000.	2000.	2000.	2000.	
2000.	2000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	200.0	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	3000.	3000.	3000.	3000.	3000.	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6602.	6640.	6687.	6618.	6310.	5996.	5078.	4348.	200.0	200.0	ROW 84
200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	2000.	
2000.	2000.	2000.	500.0	500.0	500.0	500.0	2000.	2000.	2000.	
2000.	200.0	5000.	5000.	5000.	5000.	3000.	3000.	3000.	2000.	
2000.	2000.	500.0	500.0	500.0	500.0	2000.	2000.	2000.	2000.	
2000.	2000.	220.0	220.0	6000.	6000.	6000.	6000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	6000.	200.0	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6468.	6603.	6703.	6649.	6559.	6355.	5611.	4937.	4125.	200.0	ROW 85
200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	200.0	
2000.	2000.	2000.	500.0	500.0	500.0	500.0	500.0	2000.	2000.	
2000.	200.0	200.0	5000.	3000.	3000.	3000.	3000.	3000.	2000.	
2000.	2000.	2000.	500.0	500.0	500.0	2000.	2000.	2000.	2000.	
2000.	220.0	220.0	220.0	220.0	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6461.	6562.	6580.	6658.	6592.	6485.	6090.	5181.	4671.	200.0	ROW 86
200.0	200.0	200.0	200.0	2000.	2000.	200.0	200.0	200.0	200.0	
2000.	2000.	2000.	500.0	500.0	500.0	500.0	500.0	2000.	2000.	
2000.	2000.	200.0	200.0	200.0	200.0	3000.	3000.	3000.	2000.	
2000.	2000.	2000.	2000.	500.0	500.0	500.0	2000.	2000.	2000.	
2000.	2000.	220.0	220.0	220.0	220.0	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	200.0	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	6000.	6000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6144.	6298.	6505.	6599.	6637.	6487.	6196.	5450.	4870.	4620.	ROW 87
200.0	200.0	200.0	2000.	2000.	2000.	200.0	200.0	200.0	200.0	
200.0	2000.	2000.	500.0	500.0	500.0	500.0	500.0	2000.	2000.	
2000.	2000.	2000.	200.0	200.0	200.0	200.0	3000.	3000.	2000.	
2000.	2000.	2000.	2000.	500.0	500.0	500.0	500.0	2000.	2000.	
2000.	2000.	220.0	220.0	220.0	220.0	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	200.0	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	

6000.	6000.	6000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00				
6176.	6186.	6300.	6456.	6480.	6532.	6353.	5891.	5148.	4786.	ROW 88
4801.	5024.	2000.	2000.	2000.	2000.	2000.	200.0	200.0	200.0	
200.0	2000.	2000.	2000.	500.0	500.0	500.0	500.0	2000.	2000.	
2000.	2000.	2000.	2000.	200.0	200.0	220.0	220.0	220.0	220.0	
220.0	2000.	2000.	2000.	2000.	500.0	500.0	500.0	500.0	2000.	
2000.	2000.	2000.	220.0	220.0	220.0	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	200.0	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	6000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
6029.	6045.	6090.	6261.	6343.	6454.	6292.	6115.	5286.	4994.	ROW 89
4908.	5091.	2000.	2000.	2000.	2000.	2000.	200.0	200.0	200.0	
200.0	2000.	2000.	2000.	500.0	500.0	500.0	500.0	500.0	2000.	
2000.	2000.	2000.	2000.	2000.	200.0	220.0	220.0	220.0	220.0	
220.0	3000.	2000.	2000.	2000.	500.0	500.0	500.0	500.0	500.0	
2000.	2000.	2000.	220.0	220.0	220.0	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	200.0	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
6000.	3000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
6073.	6104.	6174.	6205.	6320.	6366.	6330.	6113.	5528.	5111.	ROW 90
4985.	5043.	2000.	2000.	2000.	2000.	2000.	200.0	200.0	200.0	
200.0	2000.	2000.	2000.	2000.	500.0	500.0	500.0	500.0	500.0	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	220.0	220.0	220.0	
220.0	220.0	220.0	2000.	2000.	2000.	500.0	500.0	500.0	500.0	
500.0	2000.	2000.	220.0	220.0	220.0	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	200.0	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	6000.	
3000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
6070.	6127.	6196.	6261.	6300.	6318.	6219.	5957.	5569.	5258.	ROW 91
5123.	5207.	2000.	2000.	2000.	2000.	2000.	2000.	200.0	200.0	
200.0	200.0	2000.	2000.	2000.	500.0	500.0	500.0	500.0	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	220.0	220.0	
220.0	220.0	220.0	220.0	2000.	2000.	2000.	500.0	500.0	500.0	
500.0	500.0	2000.	220.0	220.0	220.0	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	200.0	6000.	
6000.	6000.	6000.	6000.	6000.	6000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
6041.	6105.	6192.	6283.	6370.	6381.	6268.	5923.	5520.	5350.	ROW 92
5255.	5421.	2000.	2000.	2000.	2000.	2000.	2000.	200.0	200.0	
200.0	200.0	2000.	2000.	2000.	2000.	500.0	500.0	500.0	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	220.0	220.0	
220.0	220.0	220.0	220.0	220.0	2000.	2000.	2000.	2000.	2000.	
500.0	500.0	2000.	2000.	220.0	220.0	220.0	220.0	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	200.0	200.0	
3000.	6000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
5954.	6028.	6127.	6233.	6363.	6434.	6338.	5952.	5516.	5346.	ROW 93
5322.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	200.0	200.0	
200.0	200.0	2000.	2000.	2000.	2000.	500.0	500.0	500.0	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	220.0	
220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	2000.	2000.	
2000.	500.0	500.0	2000.	2000.	220.0	220.0	220.0	220.0	220.0	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	200.0	200.0	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					

5857.	5920.	6009.	6121.	6240.	6407.	6378.	5828.	5478.	5356.	ROW 94
5398.	2000.	2000.	2000.	2000.	2000.	2000.	5983.	5699.	5516.	
200.0	200.0	200.0	2000.	2000.	2000.	500.0	500.0	500.0	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	2000.	
2000.	500.0	500.0	500.0	2000.	2000.	220.0	220.0	220.0	220.0	
220.0	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	
200.0	3000.	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
5730.	5753.	5815.	5932.	6157.	6401.	6462.	6183.	5658.	5380.	ROW 95
5427.	2000.	2000.	2000.	2000.	2000.	2000.	6066.	5822.	5607.	
5495.	200.0	200.0	2000.	2000.	2000.	2000.	500.0	500.0	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	220.0	220.0	220.0	220.0	220.0	220.0	
220.0	2000.	500.0	500.0	2000.	2000.	2000.	220.0	220.0	220.0	
220.0	220.0	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	
200.0	3000.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
5418.	5371.	5357.	5499.	6175.	6398.	6474.	6341.	5823.	5364.	ROW 96
5388.	2000.	2000.	2000.	2000.	2000.	2000.	6100.	5928.	5734.	
5547.	200.0	200.0	2000.	2000.	2000.	2000.	500.0	500.0	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	220.0	220.0	220.0	220.0	220.0	
220.0	2000.	500.0	500.0	500.0	500.0	2000.	220.0	220.0	220.0	
220.0	220.0	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	
200.0	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
5174.	5026.	4840.	5194.	6139.	6477.	6534.	6425.	5965.	5370.	ROW 97
5370.	2000.	2000.	2000.	2000.	2000.	2000.	6176.	6011.	5870.	
5667.	200.0	200.0	200.0	2000.	2000.	2000.	500.0	500.0	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	220.0	220.0	220.0	220.0	
220.0	220.0	2000.	500.0	500.0	500.0	2000.	2000.	220.0	220.0	
220.0	220.0	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	200.0	
200.0	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
4951.	4618.	3656.	5303.	6173.	6403.	6496.	6457.	6278.	5436.	ROW 98
2000.	2000.	2000.	2000.	2000.	2000.	2000.	6169.	6159.	6051.	
5832.	200.0	200.0	200.0	2000.	2000.	2000.	2000.	500.0	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	220.0	220.0	220.0	
220.0	220.0	2000.	500.0	500.0	500.0	2000.	2000.	2000.	220.0	
220.0	220.0	220.0	3000.	3000.	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	6561.	
6901.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
4893.	4908.	5011.	5913.	6203.	6371.	6473.	6490.	6284.	5727.	ROW 99
5540.	2000.	2000.	2000.	2000.	2000.	6319.	6308.	6265.	6178.	
6066.	5745.	200.0	200.0	2000.	2000.	2000.	2000.	500.0	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	220.0	220.0	
220.0	220.0	220.0	2000.	500.0	500.0	2000.	2000.	2000.	2000.	
220.0	220.0	220.0	3000.	3000.	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	3000.	6152.	6520.	
6717.	6650.	6646.	6535.	6538.	6403.	0.0000E+00	6739.	6572.	6187.	
6046.	6063.	6106.	6181.	6219.	6241.					
5205.	5081.	5398.	6004.	6208.	6340.	6462.	6512.	6478.	6149.	ROW 100
5779.	2000.	2000.	2000.	2000.	6316.	6342.	6391.	6482.	6451.	

6342.	6047.	200.0	200.0	200.0	2000.	2000.	2000.	2000.	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	220.0	
220.0	220.0	220.0	2000.	500.0	500.0	2000.	2000.	2000.	2000.	
220.0	220.0	220.0	220.0	3000.	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	3000.	5856.	6158.	6530.	
6617.	6629.	6643.	6571.	6592.	6552.	6652.	6760.	6540.	6000.	
5963.	5986.	6049.	6103.	6177.	6207.					
5447.	5591.	6097.	6243.	6411.	6554.	6455.	6464.	6501.	6380.	ROW 101
6148.	6014.	2000.	2000.	2000.	6454.	6551.	6617.	6679.	6758.	
6682.	6441.	5799.	200.0	200.0	2000.	2000.	2000.	2000.	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	500.0	500.0	2000.	2000.	500.0	2000.	2000.	2000.	220.0	
220.0	220.0	220.0	2000.	2000.	500.0	500.0	2000.	2000.	2000.	
220.0	220.0	220.0	220.0	3000.	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	3000.	5582.	6028.	6209.	6420.	
6521.	6579.	6640.	6565.	6426.	6604.	6675.	6704.	6408.	6010.	
5916.	5924.	5992.	6042.	6132.	6206.					
5701.	5731.	5786.	6070.	6284.	6470.	6585.	6687.	6677.	6540.	ROW 102
6410.	6324.	6354.	6441.	6588.	6736.	6866.	6928.	6956.	6897.	
6963.	6747.	6115.	200.0	200.0	200.0	2000.	2000.	2000.	2000.	
500.0	500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	500.0	500.0	500.0	500.0	500.0	2000.	2000.	2000.	
220.0	220.0	220.0	220.0	2000.	500.0	500.0	500.0	2000.	2000.	
2000.	220.0	220.0	220.0	220.0	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	3000.	5336.	5753.	6097.	6274.	6350.	
6416.	6498.	6597.	6526.	6445.	6603.	6643.	6599.	6338.	6025.	
5920.	5907.	5929.	6000.	6024.	0.0000E+00					
5939.	5924.	5941.	5994.	6045.	6207.	6438.	6576.	6657.	6695.	ROW 103
6631.	6548.	6553.	6617.	6811.	7029.	7214.	7245.	7248.	7155.	
7118.	6891.	6339.	200.0	200.0	200.0	2000.	2000.	2000.	2000.	
500.0	500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	500.0	500.0	500.0	500.0	500.0	2000.	2000.	
220.0	220.0	220.0	220.0	2000.	500.0	500.0	500.0	500.0	2000.	
2000.	2000.	220.0	220.0	220.0	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	5452.	5665.	5959.	6181.	6235.	6302.	
6378.	6444.	6523.	6450.	6453.	6556.	6631.	6516.	6281.	6056.	
5936.	5901.	5901.	5960.	6011.	0.0000E+00					
6412.	6423.	6091.	6094.	6178.	6338.	6473.	6558.	6695.	6775.	ROW 104
6922.	6911.	6991.	7033.	7229.	7404.	7532.	7551.	7514.	7401.	
7224.	6975.	6459.	200.0	200.0	200.0	2000.	2000.	2000.	2000.	
500.0	500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	500.0	500.0	500.0	500.0	2000.	2000.	
2000.	220.0	220.0	220.0	2000.	2000.	500.0	500.0	500.0	500.0	
2000.	2000.	220.0	220.0	220.0	3000.	3000.	3000.	3000.	3000.	
3000.	3000.	3000.	3000.	5749.	5966.	6136.	6251.	6214.	6273.	
6329.	6416.	6487.	6501.	6516.	6540.	6544.	6424.	6236.	6057.	
5958.	5918.	5916.	5920.	5914.	0.0000E+00					
6422.	6436.	6476.	6532.	6302.	6416.	6577.	6723.	6872.	7038.	ROW 105
7205.	7391.	7539.	7629.	7753.	7775.	7768.	7749.	7687.	7639.	
7414.	7066.	6493.	200.0	200.0	200.0	200.0	2000.	2000.	2000.	
500.0	500.0	500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	500.0	500.0	500.0	2000.	2000.	
2000.	220.0	220.0	220.0	2000.	2000.	500.0	500.0	500.0	500.0	
500.0	2000.	2000.	220.0	220.0	220.0	3000.	3000.	3000.	3000.	
3000.	3000.	5828.	5850.	5998.	6170.	6188.	6192.	6179.	6251.	
6301.	6349.	6435.	6466.	6494.	6512.	6487.	6345.	6184.	6052.	
5959.	5925.	5916.	5909.	5913.	5923.					
6406.	6617.	6477.	6530.	6383.	6690.	6702.	6873.	7046.	7258.	ROW 106
7507.	7756.	7955.	8082.	8171.	8117.	8035.	7956.	7910.	7838.	
7633.	7345.	6635.	5743.	200.0	200.0	200.0	2000.	2000.	500.0	
500.0	500.0	500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	

2000.	2000.	2000.	2000.	2000.	2000.	500.0	500.0	500.0	2000.	
2000.	2000.	220.0	220.0	220.0	2000.	2000.	500.0	500.0	500.0	
500.0	2000.	2000.	220.0	220.0	220.0	3000.	3000.	3000.	3000.	
3000.	3000.	5987.	6128.	6318.	6285.	6190.	6173.	6204.	6211.	
6271.	6276.	6377.	6427.	6464.	6469.	6393.	6265.	6134.	6023.	
5958.	5941.	5928.	5918.	5909.	0.0000E+00					
6492.	6420.	6590.	6608.	6427.	6622.	6766.	6941.	7167.	7479.	ROW 107
7743.	7987.	8201.	8336.	8420.	8407.	8349.	8266.	8108.	7886.	
7779.	7590.	7081.	5997.	200.0	200.0	200.0	2000.	2000.	2000.	
500.0	500.0	500.0	500.0	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	500.0	500.0	500.0	
2000.	2000.	220.0	220.0	220.0	2000.	2000.	2000.	500.0	500.0	
2000.	2000.	220.0	220.0	220.0	220.0	3000.	3000.	3000.	3000.	
5926.	6047.	6244.	6414.	6416.	6306.	6163.	6215.	6190.	6151.	
6099.	6215.	6310.	6370.	6392.	6387.	6305.	6198.	6094.	6002.	
5950.	5947.	5956.	5958.	5953.	0.0000E+00					
6433.	6435.	6467.	6542.	6494.	6732.	6888.	6977.	7288.	7560.	ROW 108
7809.	8073.	8288.	8480.	8592.	8616.	8626.	8555.	8425.	8271.	
8066.	7851.	7500.	6734.	5644.	200.0	200.0	200.0	2000.	2000.	
500.0	500.0	500.0	500.0	500.0	500.0	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	500.0	500.0	
2000.	2000.	220.0	220.0	220.0	2000.	2000.	2000.	2000.	2000.	
2000.	220.0	220.0	220.0	220.0	220.0	3000.	3000.	3000.	3000.	
6190.	6316.	6451.	6470.	6326.	6234.	6185.	6151.	6157.	6101.	
6040.	6150.	6234.	6277.	6292.	6271.	6204.	6122.	6038.	5966.	
5942.	5953.	5972.	5972.	5960.	0.0000E+00					
6444.	6377.	6402.	6485.	6543.	6863.	7044.	6994.	7302.	7632.	ROW 109
8008.	8308.	8586.	8751.	8887.	8951.	8996.	8988.	8896.	8719.	
8543.	8332.	8033.	7535.	6572.	200.0	200.0	200.0	2000.	2000.	
2000.	2000.	500.0	500.0	500.0	500.0	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	220.0	220.0	220.0	2000.	2000.	2000.	2000.	
2000.	220.0	220.0	220.0	220.0	220.0	3000.	3000.	5932.	6190.	
6389.	6509.	6490.	6411.	6278.	6201.	6208.	6174.	6120.	6101.	
5968.	6076.	6033.	6178.	6182.	6188.	6134.	6068.	6009.	5955.	
5949.	5970.	5989.	5975.	5962.	0.0000E+00					
6252.	6137.	6231.	6254.	6481.	6963.	7293.	7390.	7330.	7713.	ROW 110
8089.	8469.	8694.	8839.	8972.	9087.	9177.	9232.	9220.	9113.	
9031.	8763.	8503.	8192.	7662.	6116.	200.0	200.0	200.0	2000.	
2000.	2000.	500.0	500.0	500.0	500.0	500.0	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	220.0	220.0	220.0	2000.	2000.	2000.	2000.	
220.0	220.0	220.0	220.0	220.0	3000.	3000.	3000.	6183.	6364.	
6530.	6479.	6430.	6342.	6244.	6187.	6195.	6229.	6087.	5707.	
5784.	5878.	6022.	6047.	6073.	6077.	6044.	6015.	5966.	5942.	
5949.	5968.	5983.	5980.	5988.	0.0000E+00					
6159.	6061.	5982.	5726.	5885.	6697.	7259.	7926.	8167.	8078.	ROW 111
8305.	8485.	8598.	8710.	8844.	8939.	9122.	9207.	9206.	9180.	
9122.	8978.	8766.	8569.	8194.	7239.	200.0	200.0	200.0	2000.	
2000.	2000.	2000.	500.0	500.0	500.0	500.0	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	220.0	220.0	220.0	220.0	220.0	220.0	220.0	
220.0	220.0	220.0	220.0	220.0	3000.	6017.	6229.	6350.	6467.	
6459.	6413.	6323.	6259.	6181.	6143.	6115.	5781.	5565.	5622.	
5704.	5878.	5932.	5961.	5977.	5993.	5975.	5955.	5930.	5914.	
5938.	5969.	5987.	5988.	0.0000E+00	0.0000E+00					
6526.	6176.	5510.	4915.	4700.	5553.	6808.	7566.	7864.	8093.	ROW 112
8241.	8408.	8535.	8601.	8599.	8456.	8839.	9048.	9063.	9071.	
9224.	9116.	8815.	8636.	8406.	7453.	200.0	200.0	200.0	200.0	
2000.	2000.	2000.	2000.	500.0	500.0	500.0	500.0	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	220.0	220.0	220.0	220.0	220.0	220.0	

220.0	220.0	220.0	220.0	3000.	5967.	6231.	6358.	6420.	6438.	ROW 113
6386.	6289.	6221.	6139.	6121.	6086.	5666.	5382.	5511.	5580.	
5741.	5790.	5840.	5873.	5895.	5912.	5916.	5907.	5907.	5905.	
5932.	5965.	6089.	6112.	0.0000E+00	0.0000E+00					
6924.	6562.	5697.	4437.	4113.	4456.	5557.	6819.	7465.	7836.	
8031.	8330.	8436.	8494.	8509.	8250.	8251.	8857.	8896.	8920.	
8870.	9069.	8928.	8755.	8395.	7991.	6280.	200.0	200.0	200.0	
2000.	2000.	2000.	2000.	500.0	500.0	500.0	500.0	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	220.0	220.0	220.0	220.0	220.0	220.0	
220.0	220.0	220.0	220.0	5797.	6141.	6187.	6383.	6426.	6366.	ROW 114
6280.	6182.	6136.	6069.	5984.	5566.	5353.	5360.	5380.	5626.	
5664.	5707.	5756.	5793.	5826.	5732.	5780.	5821.	5884.	5914.	
5975.	6035.	5971.	0.0000E+00	0.0000E+00	0.0000E+00					
7220.	6884.	6252.	4750.	4118.	4201.	4367.	5463.	6834.	7372.	
7747.	8099.	8369.	8474.	8438.	8363.	8478.	8840.	8887.	8877.	
8896.	8894.	8793.	8778.	8472.	8083.	7127.	4827.	200.0	200.0	
200.0	2000.	2000.	2000.	500.0	500.0	500.0	500.0	500.0	2000.	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	220.0	220.0	220.0	220.0	220.0	
220.0	220.0	220.0	5679.	6026.	6178.	6241.	6361.	6353.	6259.	ROW 115
6156.	6090.	6029.	5947.	5564.	5325.	5333.	5342.	5364.	5558.	
5441.	5503.	5566.	5629.	5687.	5737.	5785.	5829.	5869.	5926.	
5979.	6036.	6074.	0.0000E+00	0.0000E+00	0.0000E+00					
7571.	7196.	6678.	5506.	4231.	4147.	4177.	4380.	5505.	6675.	
7337.	7806.	8297.	8654.	8801.	8635.	8408.	8503.	8823.	8859.	
8890.	8959.	8931.	8890.	8580.	8086.	7219.	5203.	200.0	200.0	
200.0	2000.	2000.	2000.	2000.	2000.	2000.	500.0	500.0	500.0	
2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	220.0	220.0	220.0	220.0	220.0	
220.0	220.0	220.0	5898.	6060.	6093.	6283.	6310.	6271.	6161.	ROW 116
6037.	5997.	5938.	5619.	5325.	5317.	5320.	5332.	5354.	5380.	
5440.	5508.	5573.	5636.	5698.	5751.	5796.	5840.	5888.	5942.	
5996.	6045.	6075.	0.0000E+00	0.0000E+00	0.0000E+00					
7867.	7501.	6935.	6035.	4687.	4104.	4034.	4176.	4599.	5601.	
6636.	7409.	8049.	8397.	8616.	8714.	8666.	8550.	8694.	8783.	
8827.	8892.	8954.	9034.	8770.	8257.	7376.	5480.	200.0	200.0	
200.0	2000.	2000.	2000.	2000.	2000.	2000.	500.0	500.0	500.0	
500.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	3000.	3000.	220.0	220.0	220.0	
220.0	220.0	5830.	6020.	5998.	6150.	6250.	6253.	6174.	6043.	ROW 117
5905.	5822.	5770.	5358.	5317.	5311.	5313.	5329.	5357.	5391.	
5451.	5518.	5582.	5652.	5718.	5774.	5823.	5869.	5920.	5965.	
6011.	300.0	300.0	0.0000E+00	0.0000E+00	0.0000E+00					
8251.	7855.	7176.	6421.	5155.	4241.	4114.	4152.	4224.	4746.	
5769.	6802.	7614.	8104.	8399.	8498.	8540.	8331.	8436.	8756.	
8618.	8524.	8483.	8817.	8838.	8423.	7638.	6315.	4343.	200.0	
200.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	500.0	500.0	500.0	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	2000.	3000.	3000.	3000.	200.0	200.0	
5746.	5895.	5985.	5921.	6027.	6194.	6233.	6179.	6104.	5996.	ROW 118
5914.	5806.	5430.	5370.	5329.	5305.	5302.	5330.	5365.	5413.	
5463.	5537.	5621.	5696.	5761.	5815.	5866.	5914.	5953.	5991.	
5017.	6029.	300.0	0.0000E+00	0.0000E+00	0.0000E+00					
8718.	8292.	7502.	6631.	5480.	4427.	4118.	4339.	4159.	4271.	
5011.	6326.	7193.	7768.	8116.	8282.	8336.	8131.	8206.	8412.	
8227.	8081.	8085.	8141.	8692.	8552.	7840.	6837.	4699.	200.0	
200.0	2000.	2000.	2000.	2000.	2000.	2000.	500.0	2000.	2000.	
2000.	2000.	500.0	500.0	500.0	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	2000.	3000.	5181.	5424.	5568.	5826.	5836.	
5976.	6014.	5989.	5911.	6015.	6155.	6176.	6137.	6037.	5973.	ROW 119
5887.	5509.	5444.	5391.	5355.	5338.	5342.	5368.	5408.	5454.	

5499.	5584.	5666.	5738.	5806.	5864.	5921.	5966.	5993.	6014.	
6028.	300.0	300.0	0.0000E+00	0.0000E+00	0.0000E+00					
8972.	8692.	7806.	6655.	5552.	4489.	4126.	4194.	4188.	4156.	ROW 119
4655.	5801.	6816.	7493.	7829.	8131.	8123.	8106.	8008.	8127.	
7867.	7687.	7681.	7708.	8319.	8459.	7956.	7251.	5456.	200.0	
200.0	200.0	2000.	2000.	2000.	2000.	2000.	500.0	500.0	2000.	
2000.	2000.	2000.	500.0	500.0	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	5426.	5483.	5675.	5849.	6005.	6066.	6042.	
6157.	6157.	5862.	5861.	5959.	6065.	6092.	6067.	6007.	5941.	
5871.	5515.	5464.	5421.	5391.	5381.	5391.	5418.	5459.	5502.	
5560.	5633.	5708.	5781.	5850.	5911.	5972.	6010.	6028.	6038.	
6037.	300.0	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
9015.	8881.	8120.	6786.	5502.	4610.	4206.	4256.	4235.	4251.	ROW 120
4675.	5647.	6594.	7285.	7551.	7841.	7919.	7948.	7903.	7769.	
7512.	7175.	7310.	7655.	7864.	8168.	8040.	7490.	6592.	4859.	
200.0	200.0	2000.	2000.	2000.	2000.	2000.	2000.	2000.	2000.	
2000.	2000.	2000.	500.0	500.0	500.0	2000.	2000.	2000.	2000.	
2000.	2000.	5538.	5694.	5841.	5949.	6168.	6238.	6242.	6209.	
6254.	6158.	5830.	5800.	5866.	5945.	5984.	5967.	5955.	5904.	
5863.	5517.	5484.	5451.	5429.	5422.	5436.	5466.	5509.	5573.	
5606.	5672.	5747.	5815.	5881.	5938.	5990.	6030.	6051.	6062.	
300.0	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					

APPENDIX B

DRAINS REPRESENTING
SPRINGS

APPENDIX B - Drains Representing Springs

B-1

LAYER	ROW	COL	ELEV. (ft)	COND. (ft ² /day)
2	2	61	4250.0	110000.0
2	3	62	4250.0	10000.0
2	4	62	4250.0	3000.0
2	5	63	4225.0	5000000.0
2	6	63	4250.0	90000.0
2	25	6	6030.0	1368.0
2	31	42	4650.0	350000.0
2	32	49	4550.0	200000.0
2	33	2	6100.0	2470.0
2	33	63	4420.0	605.0
2	36	10	6280.0	2500.0
2	39	9	6100.0	4500.0
2	47	7	6300.0	100.0
2	68	1	5700.0	20000.0
2	68	2	5650.0	2550.0
2	69	2	5625.0	2100.0
2	79	22	5825.0	200000.0
2	84	5	5400.0	12000.0
2	86	2	5295.0	960.0
2	94	8	5150.	300000.0
2	98	3	5025.	2000000.0
2	100	2	5025.	100000.0
2	118	47	5515.0	1680.0

APPENDIX C

RECHARGE RATES

APPENDIX C - Recharge Rates (FT/DAY)

C-1

0.5059E-11	0.3504E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	1
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1197E-03	0.6999E-04	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1101E-03	0.3682E-04	0.5985E-04	0.5014E-04		
0.9401E-04	0.5164E-04	0.6620E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1298E-04	0.1419E-03	0.3238E-03		
0.4943E-03	0.4378E-03	0.1393E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1134E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.6717E-11	0.3750E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	2
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3962E-04	0.5576E-04	0.8730E-04	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.6557E-04	0.1415E-04	0.0000E+00	0.7800E-05	0.3292E-04	0.6675E-04	0.5986E-04	0.1377E-03	0.4714E-04		
0.1051E-03	0.1933E-04	0.2119E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3390E-04	0.1615E-03	0.2874E-03		
0.5651E-03	0.6537E-03	0.4134E-11	0.6759E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.5364E-03	0.3345E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	3
0.2876E-04	0.6207E-04	0.4637E-04	0.8363E-04	0.3639E-04	0.1156E-03	0.9743E-04	0.2221E-03	0.0000E+00	0.0000E+00		
0.2283E-03	0.1412E-03	0.2939E-04	0.0000E+00	0.0000E+00	0.1850E-04	0.1959E-04	0.3809E-03	0.1059E-03	0.1030E-03		
0.7415E-04	0.3098E-04	0.0000E+00	0.0000E+00	0.1377E-04	0.3178E-05	0.1006E-04	0.7177E-04	0.1875E-03	0.3326E-03		
0.5971E-03	0.6767E-03	0.5218E-03	0.2418E-11	0.1993E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.4164E-03	0.6485E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW	4
0.7424E-04	0.1225E-03	0.8745E-04	0.1928E-03	0.5546E-04	0.1020E-03	0.7281E-03	0.2110E-03	0.3336E-03	0.2957E-03		
0.2318E-03	0.1915E-03	0.4898E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8156E-04		
0.5747E-04	0.1615E-04	0.7415E-05	0.3337E-04	0.3972E-04	0.2569E-04	0.1774E-04	0.9110E-04	0.2410E-03	0.3474E-03		
0.6299E-03	0.8335E-03	0.7182E-03	0.3879E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1567E-04	0.7157E-04	0.7384E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.5772E-03	0.1033E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2993E-03	ROW	5
0.3090E-03	0.1567E-03	0.8334E-04	0.2888E-03	0.4616E-03	0.5055E-03	0.6412E-03	0.3111E-03	0.4606E-03	0.3630E-03		
0.2440E-03	0.2090E-03	0.5931E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5905E-04		
0.4105E-04	0.3972E-04	0.3257E-04	0.5667E-04	0.6223E-04	0.5588E-04	0.4979E-04	0.9851E-04	0.2444E-03	0.4525E-11		
0.7318E-11	0.7456E-11	0.5442E-03	0.2860E-11	0.2445E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.6662E-04	0.1390E-03	0.2091E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.2873E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4138E-03	ROW	6
0.5370E-03	0.4220E-03	0.2321E-03	0.3609E-03	0.4137E-03	0.4843E-03	0.5832E-03	0.2832E-03	0.4419E-03	0.4867E-03		
0.2714E-03	0.1977E-03	0.3238E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5879E-04		
0.5137E-04	0.5217E-04	0.5190E-04	0.6514E-04	0.7627E-04	0.8554E-04	0.7759E-04	0.1239E-03	0.2465E-03	0.3443E-11		
0.5941E-11	0.5155E-11	0.4964E-11	0.3412E-11	0.6328E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.2500E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1124E-03	0.2073E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.2565E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4129E-03	ROW	7
0.6614E-03	0.8715E-03	0.7104E-03	0.4208E-03	0.3996E-03	0.4531E-03	0.5681E-03	0.2891E-03	0.7628E-03	0.3617E-03		

0.2616E-03	0.1199E-03	0.4054E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7256E-04	0.8395E-04		
0.6673E-04	0.6779E-04	0.7150E-04	0.8395E-04	0.9904E-04	0.1181E-03	0.1128E-03	0.1713E-03	0.2868E-03	0.4385E-11		
0.6896E-11	0.6196E-11	0.5407E-11	0.3887E-11	0.1520E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5444E-04		
0.1716E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1423E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1558E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1655E-03	ROW	8
0.8139E-03	0.7030E-03	0.5595E-03	0.3976E-03	0.3612E-03	0.4278E-03	0.5247E-03	0.4988E-03	0.7319E-03	0.4390E-03		
0.3269E-03	0.1905E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1091E-03		
0.8712E-04	0.9004E-04	0.9216E-04	0.1078E-03	0.1237E-03	0.1520E-03	0.1605E-03	0.2224E-03	0.3813E-03	0.6663E-03		
0.8516E-11	0.9136E-11	0.6223E-11	0.3571E-11	0.9718E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8423E-05		
0.1761E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.3671E-04	0.2698E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1001E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2145E-03	ROW	9
0.7322E-03	0.4803E-03	0.4636E-03	0.3446E-03	0.3168E-03	0.4071E-03	0.5454E-03	0.5681E-03	0.8264E-03	0.4821E-03		
0.4023E-03	0.1616E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4237E-04		
0.1189E-03	0.1276E-03	0.1313E-03	0.1417E-03	0.1634E-03	0.1878E-03	0.2108E-03	0.2897E-03	0.4192E-03	0.5505E-11		
0.9097E-11	0.1029E-10	0.7657E-11	0.4816E-11	0.1812E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4438E-04		
0.2780E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.8621E-04	0.1444E-03	0.2326E-03	0.2058E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.9977E-13	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5282E-05	0.2984E-03	ROW	10
0.6690E-03	0.3676E-03	0.3708E-03	0.3103E-03	0.3078E-03	0.3940E-03	0.5297E-03	0.5893E-03	0.9535E-03	0.4792E-03		
0.2802E-03	0.5904E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6984E-05	0.2104E-04		
0.1629E-03	0.1708E-03	0.1370E-03	0.1817E-03	0.2214E-03	0.2221E-03	0.1864E-03	0.3326E-03	0.4973E-03	0.6868E-11		
0.9339E-11	0.9477E-11	0.6595E-11	0.4134E-11	0.8957E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7088E-04		
0.2769E-03	0.2013E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.4991E-04	0.2013E-03	0.1627E-03	0.1747E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.6219E-03	0.4394E-03	0.3199E-03	0.2770E-03	0.3083E-03	0.3960E-03	0.5323E-03	0.5657E-03	0.4676E-03	0.4000E-03		
0.2015E-03	0.5170E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3700E-04	0.1086E-03		
0.7927E-04	0.2574E-03	0.2193E-11	0.2828E-11	0.2443E-03	0.3363E-03	0.2332E-03	0.4285E-03	0.6292E-03	0.7485E-11		
0.8532E-11	0.6170E-11	0.4631E-11	0.2847E-11	0.5383E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4068E-04		
0.2270E-03	0.5668E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5074E-04	0.1281E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4857E-04	0.1563E-03	0.5711E-03	ROW	12
0.4631E-03	0.4344E-03	0.3042E-03	0.2265E-03	0.2936E-03	0.4162E-03	0.3780E-03	0.5590E-03	0.4099E-03	0.5600E-03		
0.1654E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3211E-04	0.9704E-04		
0.1265E-03	0.1310E-03	0.2583E-11	0.3642E-11	0.3635E-03	0.4468E-03	0.3301E-03	0.3519E-03	0.6004E-11	0.8319E-11		
0.1041E-10	0.7078E-11	0.3716E-11	0.1826E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3698E-05		
0.1565E-03	0.3832E-03	0.1419E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3668E-04	0.1599E-03	0.8079E-03	ROW	13
0.6498E-03	0.4510E-03	0.3062E-03	0.2144E-03	0.2664E-03	0.4137E-03	0.2040E-03	0.3061E-03	0.3216E-03	0.1828E-03		
0.8462E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3972E-04	0.4598E-04	0.1573E-03		
0.1197E-03	0.1908E-03	0.3344E-11	0.3970E-03	0.4539E-03	0.4867E-03	0.4654E-03	0.3993E-03	0.7076E-11	0.9282E-11		

0.7649E-11	0.6373E-11	0.4103E-11	0.1173E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4043E-04	
0.1208E-03	0.1562E-03	0.4269E-03	0.3300E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8187E-04	0.1435E-03	0.8762E-03	ROW 14
0.7019E-03	0.5524E-03	0.3370E-03	0.2235E-03	0.2255E-03	0.1317E-03	0.6029E-03	0.3251E-03	0.1404E-03	0.7546E-04		
0.7156E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3845E-04	0.8888E-04	0.1348E-03		
0.2200E-03	0.3443E-03	0.3561E-03	0.4417E-11	0.5335E-03	0.7365E-03	0.5316E-03	0.4422E-03	0.6343E-11	0.9362E-11		
0.8197E-11	0.5586E-11	0.2767E-11	0.8957E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1302E-04	0.6251E-06	0.0000E+00	0.0000E+00	0.2011E-04		
0.7325E-04	0.1481E-03	0.5895E-03	0.1237E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3424E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9875E-04	0.4895E-03	ROW 15	
0.7093E-03	0.5580E-03	0.3537E-03	0.2623E-03	0.2104E-03	0.3284E-03	0.5202E-03	0.2960E-03	0.1555E-03	0.1630E-03		
0.7945E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2149E-04	0.6566E-04	0.1413E-11	0.2333E-03		
0.2463E-03	0.3649E-03	0.3525E-03	0.4177E-11	0.5192E-03	0.7326E-03	0.7299E-03	0.5775E-11	0.6303E-11	0.6847E-11		
0.5962E-11	0.4787E-11	0.2176E-11	0.1500E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1486E-04	0.2153E-05	0.0000E+00	0.0000E+00	0.8335E-06		
0.4043E-04	0.9287E-04	0.5420E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5362E-05	0.1980E-04	0.8250E-05	0.1633E-03	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8540E-04	0.2679E-03	ROW 16	
0.2968E-03	0.5671E-03	0.5000E-03	0.1157E-03	0.2149E-03	0.2629E-03	0.3976E-03	0.2195E-03	0.1274E-03	0.1121E-03		
0.2231E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8897E-04	0.1701E-03	0.2811E-03	0.3035E-11		
0.3836E-03	0.3581E-11	0.3394E-03	0.3279E-03	0.4754E-03	0.5629E-03	0.6576E-11	0.6654E-11	0.7922E-11	0.7421E-11		
0.5676E-11	0.4203E-11	0.1212E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1424E-04	0.2084E-05	0.0000E+00	0.0000E+00	0.0000E+00	
0.9169E-05	0.7377E-04	0.8474E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9900E-05	0.2603E-03	0.1316E-03	0.1316E-03	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1423E-04	0.1438E-03	ROW 17	
0.2970E-03	0.2647E-03	0.6806E-03	0.1594E-03	0.2336E-03	0.7820E-04	0.3718E-03	0.1429E-03	0.9695E-04	0.2939E-04		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1279E-04	0.1422E-11	0.2891E-11	0.3631E-11	0.5089E-11		
0.3945E-11	0.4761E-03	0.2950E-03	0.4173E-03	0.3556E-03	0.3363E-03	0.4010E-11	0.4727E-11	0.6151E-11	0.5083E-11		
0.3330E-11	0.2017E-11	0.4725E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1500E-04	0.8053E-04	0.3751E-04	0.1535E-04	0.7293E-06	0.0000E+00	
0.0000E+00	0.1021E-04	0.3265E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3135E-04	0.1196E-03	0.1741E-03	0.2207E-03	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1646E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6984E-04	ROW 18	
0.6993E-03	0.7164E-03	0.7265E-03	0.1562E-03	0.2815E-03	0.1902E-03	0.1234E-03	0.9182E-04	0.5224E-04	0.6802E-05		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4789E-04	0.1625E-11	0.3533E-11	0.6093E-11	0.6005E-11		
0.4374E-11	0.3421E-11	0.4401E-03	0.3670E-03	0.3153E-03	0.3146E-03	0.3448E-03	0.2913E-11	0.3406E-11	0.2582E-11		
0.1738E-11	0.1116E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4992E-04	0.1424E-03	0.7099E-04	0.3806E-04	0.1542E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1671E-04	0.5404E-04	0.1099E-03	0.4133E-03		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1632E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6749E-04	ROW 19	
0.4572E-03	0.9367E-03	0.4968E-03	0.1890E-03	0.2906E-03	0.1297E-03	0.6458E-04	0.6054E-04	0.4553E-04	0.2313E-04		
0.0000E+00	0.2902E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.8689E-04	0.2338E-03	0.3323E-11	0.4248E-11	0.6928E-11		
0.6013E-11	0.4405E-11	0.3887E-11	0.4049E-03	0.2706E-03	0.2780E-03	0.2157E-03	0.2980E-03	0.4354E-03	0.2965E-03		
0.1387E-03	0.2126E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4294E-04	0.1134E-03	0.9474E-04	0.7182E-04	0.3473E-04	0.0000E+00		

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4125E-05	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6806E-05	0.4455E-04	0.8580E-04	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.3275E-03	0.2817E-03	0.8745E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3926E-03	ROW	20
0.1954E-03	0.1054E-02	0.6707E-03	0.1890E-03	0.3199E-03	0.1458E-03	0.8375E-04	0.8173E-04	0.7837E-04	0.2884E-04		
0.1252E-04	0.5278E-04	0.3628E-04	0.0000E+00	0.3319E-04	0.1197E-03	0.2890E-03	0.2608E-03	0.3100E-03	0.7332E-11		
0.5140E-11	0.5658E-11	0.6075E-11	0.6001E-03	0.4078E-03	0.2913E-03	0.1617E-03	0.1639E-03	0.2693E-03	0.2487E-03		
0.8536E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1808E-04	0.0000E+00		
0.0000E+00	0.4890E-04	0.1808E-04	0.0000E+00	0.3619E-04	0.4313E-04	0.9075E-04	0.6113E-04	0.3279E-04	0.5626E-05		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2028E-12	0.1551E-03	0.1972E-03	0.4125E-05	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.4628E-03	0.6747E-03	0.3598E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4945E-04	ROW	21
0.1395E-03	0.6726E-03	0.1066E-02	0.3848E-03	0.3638E-03	0.1473E-03	0.5196E-04	0.1564E-04	0.9384E-04	0.3138E-04		
0.2231E-04	0.4625E-04	0.9396E-04	0.3428E-04	0.7383E-04	0.7346E-04	0.1646E-03	0.2462E-03	0.3300E-03	0.7623E-03		
0.5415E-11	0.4900E-11	0.5644E-11	0.6396E-11	0.6297E-11	0.4109E-11	0.2845E-03	0.1329E-03	0.9707E-04	0.1405E-03		
0.5331E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1146E-03	0.9492E-04		
0.3780E-04	0.1174E-03	0.5758E-04	0.2883E-04	0.2896E-04	0.2403E-04	0.3970E-04	0.2570E-04	0.1410E-04	0.1167E-04		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3324E-04	0.5341E-04	0.2776E-03	0.9982E-04	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.3721E-03	0.7084E-03	0.4951E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3398E-03	ROW	22
0.1934E-03	0.3105E-03	0.1198E-02	0.3762E-03	0.4092E-03	0.1720E-03	0.5045E-04	0.0000E+00	0.0000E+00	0.2674E-04		
0.1312E-04	0.8526E-04	0.9541E-04	0.1155E-03	0.1351E-03	0.9795E-04	0.1594E-03	0.3728E-03	0.4576E-03	0.5625E-03		
0.4362E-11	0.5911E-03	0.6062E-03	0.4230E-11	0.4242E-11	0.4129E-11	0.3686E-11	0.2755E-03	0.8197E-04	0.3575E-04		
0.4284E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8259E-04	0.1919E-03		
0.7370E-04	0.5119E-04	0.6189E-04	0.2160E-04	0.1990E-04	0.1344E-04	0.1021E-04	0.5557E-06	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4897E-04	0.3737E-03	0.2615E-03	0.8580E-04		
0.1402E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.4041E-03	0.6679E-03	0.6165E-03	0.5429E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4461E-04	ROW	23
0.1445E-03	0.2670E-03	0.9078E-03	0.6421E-03	0.3622E-03	0.1781E-03	0.6912E-04	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1110E-04	0.8139E-04	0.1951E-03	0.2940E-03	0.1614E-03	0.2185E-03	0.2921E-03	0.3718E-03	0.4702E-03		
0.5348E-03	0.5045E-03	0.4866E-03	0.4810E-03	0.1601E-03	0.2999E-11	0.3106E-11	0.3207E-03	0.1033E-03	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2548E-04	0.2141E-03		
0.8995E-04	0.5383E-04	0.4980E-04	0.2917E-04	0.1167E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2157E-04	0.9933E-04	0.4521E-03	0.1712E-03		
0.6022E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.6594E-03	0.6148E-03	0.4631E-03	0.7278E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8921E-04	ROW	24
0.1859E-03	0.6083E-03	0.8543E-03	0.5607E-03	0.4013E-03	0.1685E-03	0.5297E-04	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.2169E-04	0.9148E-04	0.1255E-03	0.1059E-03	0.1715E-03	0.2502E-03	0.3143E-03	0.1317E-03		
0.4389E-03	0.4468E-03	0.4052E-03	0.1321E-03	0.1294E-03	0.1177E-03	0.2180E-11	0.1814E-03	0.1430E-03	0.3082E-05		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2250E-04	0.1237E-03		
0.9530E-04	0.6418E-04	0.3633E-04	0.2834E-04	0.8023E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1563E-05	0.9794E-12	0.5796E-03	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.7551E-03	0.7592E-11	0.4079E-03	0.1549E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5106E-04	ROW	25
0.1818E-03	0.6450E-03	0.9952E-03	0.6663E-03	0.4739E-03	0.4796E-03	0.8072E-04	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2472E-04	0.5146E-04	0.1125E-03	0.1887E-03	0.8678E-04	0.2327E-03		
0.4061E-03	0.3948E-03	0.3716E-03	0.3393E-03	0.3165E-03	0.2104E-03	0.2128E-03	0.1846E-03	0.8752E-04	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5794E-04		
0.1777E-03	0.7536E-04	0.4286E-04	0.2313E-04	0.1365E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1141E-03	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.6926E-03	0.5963E-11	0.3395E-11	0.5370E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2412E-03	ROW 26
0.1899E-03	0.3275E-03	0.8819E-03	0.7541E-03	0.6535E-03	0.5180E-03	0.8039E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8072E-05	0.8022E-04	0.1443E-03	0.1631E-03	0.2987E-03	0.0000E+00	
0.4309E-03	0.2597E-03	0.2305E-03	0.2009E-03	0.2626E-03	0.2659E-03	0.2671E-03	0.1451E-03	0.4807E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4468E-04	0.4212E-04	0.0000E+00	
0.9615E-04	0.7411E-04	0.4758E-04	0.3140E-04	0.1097E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8054E-04	0.1752E-11	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.5124E-03	0.4141E-11	0.2524E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2104E-03	ROW 27
0.1677E-03	0.3382E-03	0.4438E-03	0.6838E-03	0.5331E-03	0.4174E-11	0.8879E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7618E-04	0.1418E-03	0.2361E-03	0.3447E-03	0.0000E+00	
0.4530E-03	0.3008E-03	0.2669E-03	0.2313E-03	0.1884E-03	0.2012E-03	0.1438E-03	0.9461E-04	0.1263E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6040E-04	0.9327E-04	0.0000E+00	
0.1048E-03	0.6932E-04	0.5842E-04	0.4175E-04	0.1771E-04	0.2431E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6627E-04	0.1557E-11	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.3451E-03	0.1869E-11	0.9009E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5473E-04	ROW 28
0.1772E-03	0.3508E-03	0.5057E-03	0.8691E-03	0.9209E-03	0.8076E-11	0.2025E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9182E-12	0.2321E-03	0.2102E-03	0.2980E-03	0.0000E+00	
0.5111E-03	0.3174E-03	0.2794E-03	0.2983E-03	0.2075E-03	0.1710E-03	0.1064E-03	0.7180E-04	0.1695E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3225E-04	0.1387E-03	
0.1327E-03	0.8113E-04	0.6467E-04	0.4834E-04	0.2320E-04	0.5210E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3345E-04	0.1401E-11	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2145E-03	0.2474E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3046E-03	ROW 29
0.1962E-03	0.3491E-03	0.5222E-03	0.3368E-03	0.5462E-03	0.4995E-11	0.2028E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2751E-11	0.3047E-03	0.3121E-03	0.4056E-03	0.0000E+00	
0.4211E-03	0.4807E-03	0.2891E-03	0.2971E-03	0.1851E-03	0.1920E-03	0.8690E-04	0.5855E-04	0.4314E-05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2178E-04	0.1334E-03	
0.2835E-03	0.1165E-03	0.8759E-04	0.4661E-04	0.2771E-04	0.5696E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3595E-04	0.1015E-11	0.2032E-03	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1505E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2720E-03	ROW 30
0.1699E-03	0.3332E-03	0.4769E-03	0.3865E-03	0.6750E-03	0.8345E-11	0.3834E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3632E-04	0.4070E-11	0.6458E-03	0.6871E-03	0.6760E-03	0.0000E+00	
0.4415E-03	0.3649E-03	0.3793E-03	0.3250E-03	0.1907E-03	0.1855E-03	0.8998E-04	0.5485E-04	0.5732E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4068E-04	0.1005E-03	
0.1173E-03	0.2441E-03	0.1159E-03	0.6495E-04	0.2341E-04	0.4515E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2730E-04	0.1124E-11	0.2073E-03	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1555E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1400E-03	ROW 31
0.1605E-03	0.4898E-03	0.2144E-03	0.4647E-03	0.9855E-03	0.9303E-11	0.4255E-11	0.2993E-12	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5196E-04	0.4561E-11	0.8382E-11	0.1025E-02	0.5703E-03	0.0000E+00	
0.4495E-03	0.3618E-03	0.3571E-03	0.2570E-03	0.2048E-03	0.2034E-03	0.9533E-04	0.2897E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7930E-04	
0.6533E-04	0.1146E-03	0.1489E-03	0.7029E-04	0.2264E-12	0.1042E-13	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2261E-04	0.1117E-03	0.1349E-03	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	

0.1282E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4886E-04	ROW 32
0.2424E-03	0.8460E-03	0.7774E-03	0.2268E-03	0.1193E-02	0.1162E-10	0.6384E-11	0.8543E-12	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7164E-04	0.3189E-11	0.7924E-11	0.7351E-03	0.6161E-03		
0.4551E-03	0.3704E-03	0.3014E-03	0.2866E-03	0.2763E-03	0.1457E-03	0.9081E-04	0.1787E-04	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4314E-04		
0.3123E-04	0.4284E-04	0.1535E-03	0.6967E-04	0.1966E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1677E-04	0.1176E-03	0.1075E-03		
0.1194E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.8584E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2245E-04	ROW 33	
0.2984E-03	0.4798E-03	0.6171E-03	0.4246E-03	0.7301E-03	0.1187E-10	0.6468E-11	0.2489E-11	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2610E-11	0.6286E-11	0.7051E-03	0.6876E-03		
0.5153E-03	0.4010E-03	0.3244E-03	0.3016E-03	0.2190E-03	0.1518E-03	0.1112E-03	0.4160E-04	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1017E-04	0.1217E-03	0.5661E-04	0.2480E-04	0.5105E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4501E-04	0.9947E-04	0.1238E-03		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.2515E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW 34	
0.1646E-03	0.7923E-04	0.4736E-03	0.3539E-03	0.7879E-03	0.9468E-11	0.7060E-11	0.3764E-11	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1680E-03	0.4117E-11	0.9720E-03	0.7893E-03		
0.6114E-03	0.5101E-03	0.4263E-03	0.3891E-03	0.3174E-03	0.3846E-03	0.2197E-03	0.1054E-03	0.7396E-05	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1020E-03	0.5953E-04	0.2598E-04	0.1115E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3355E-04	0.1655E-03	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.3178E-03	0.8217E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW 35	
0.1235E-03	0.7307E-04	0.4666E-03	0.3624E-03	0.8284E-03	0.1067E-10	0.1077E-10	0.5711E-11	0.8913E-12	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2388E-12	0.3054E-11	0.6922E-11	0.7369E-03		
0.6671E-03	0.5678E-03	0.5144E-03	0.4752E-03	0.4736E-03	0.4781E-03	0.2580E-03	0.1185E-03	0.5670E-04	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.3739E-04	0.6092E-04	0.3160E-12	0.1938E-12	0.1677E-04	0.2709E-05	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5407E-04	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.5775E-03	0.1620E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW 36	
0.3287E-03	0.1150E-03	0.1940E-03	0.1174E-02	0.7533E-03	0.1423E-10	0.1151E-10	0.6787E-11	0.2361E-11	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1561E-11	0.5926E-11	0.7059E-03		
0.6790E-03	0.5865E-03	0.5438E-03	0.5317E-03	0.5629E-03	0.5282E-03	0.3677E-03	0.2455E-03	0.8115E-04	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.9615E-04	0.6119E-04	0.6637E-04	0.5272E-04	0.4157E-04	0.1556E-04	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1144E-03	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1680E-02	0.2600E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5370E-04	ROW 37	
0.3662E-03	0.1356E-03	0.6488E-03	0.1211E-02	0.8067E-03	0.1551E-10	0.1391E-10	0.8930E-11	0.4988E-11	0.1867E-04		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1012E-11	0.4440E-11	0.8338E-03		
0.6837E-03	0.6015E-03	0.5391E-03	0.4943E-03	0.4812E-03	0.5169E-03	0.6186E-03	0.5148E-03	0.1720E-03	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.1130E-04	0.1094E-03	0.8960E-04	0.5883E-04	0.5008E-04	0.3306E-04	0.1528E-04	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1034E-03	0.1284E-03	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.8460E-03	0.5470E-03	0.2130E-03	0.8510E-05	0.1450E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4901E-04	ROW 38	
0.3372E-03	0.1640E-03	0.2615E-03	0.1269E-02	0.6920E-03	0.1098E-10	0.1562E-10	0.1021E-10	0.5499E-11	0.1766E-03		

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4087E-11	0.8711E-03	
0.6490E-03	0.5687E-03	0.5405E-03	0.4863E-11	0.3963E-03	0.3511E-03	0.4062E-03	0.3291E-03	0.9307E-04	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.8598E-04	0.7259E-04	0.7620E-04	0.7648E-04	0.5536E-04	0.3834E-04	0.1625E-04	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7668E-04	0.8037E-04	0.1290E-03	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.6427E-04	0.8381E-03	0.3970E-03	0.1905E-03	0.4452E-03	0.1150E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.1144E-03	ROW 39
0.2876E-03	0.1893E-03	0.2800E-03	0.4073E-03	0.6330E-03	0.9332E-11	0.1282E-10	0.1190E-10	0.6972E-11	0.2075E-11	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2398E-11	0.7130E-03	
0.7363E-03	0.6443E-11	0.6237E-11	0.6200E-11	0.5485E-11	0.4138E-11	0.3347E-11	0.4849E-03	0.2560E-03	0.5506E-04	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.1294E-04	0.1427E-03	0.9891E-04	0.1038E-03	0.1065E-03	0.7655E-04	0.5272E-04	0.3904E-04	
0.2917E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8929E-04	0.1179E-03	0.1357E-03	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.8011E-04	0.2148E-03	0.9024E-03	0.4237E-03	0.5728E-11	0.9684E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.2271E-03	ROW 40
0.9402E-03	0.2136E-03	0.8971E-03	0.1250E-02	0.6770E-03	0.1102E-02	0.1208E-10	0.1142E-10	0.8045E-11	0.3347E-11	
0.2068E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1635E-11	0.5159E-11	
0.6987E-03	0.7491E-03	0.7285E-03	0.7762E-11	0.7026E-11	0.5728E-11	0.5962E-11	0.6085E-03	0.3240E-03	0.9122E-04	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.6348E-04	0.2256E-03	0.3174E-03	0.1409E-03	0.1343E-03	0.9745E-04	0.6161E-04	0.4237E-04	
0.6946E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3094E-04	0.1086E-03	0.1956E-03	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1341E-03	0.8892E-04	0.1884E-03	0.5890E-03	0.4584E-11	0.1549E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.2139E-03	ROW 41
0.3891E-11	0.7730E-03	0.3351E-03	0.1305E-02	0.5769E-03	0.8170E-03	0.1186E-10	0.1544E-10	0.1043E-10	0.4773E-11	
0.2129E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1473E-03	0.3922E-03	
0.8395E-03	0.7998E-03	0.8505E-03	0.8684E-03	0.1040E-10	0.8768E-11	0.7540E-11	0.6200E-11	0.4051E-11	0.2180E-03	
0.1726E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.1787E-04	0.7273E-04	0.2866E-03	0.4275E-03	0.1812E-03	0.1313E-03	0.1082E-03	0.8085E-04	0.4689E-04	
0.1181E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3647E-04	0.1380E-03	0.2332E-11	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1385E-03	0.8892E-04	0.0000E+00	0.1514E-03	0.1940E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2735E-03	ROW 42
0.4502E-11	0.3169E-03	0.3293E-03	0.5003E-03	0.6600E-03	0.8428E-03	0.1226E-10	0.1569E-10	0.1245E-10	0.9233E-03	
0.3446E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1902E-03	0.5476E-03	
0.6602E-03	0.9552E-03	0.1053E-02	0.9046E-03	0.1145E-02	0.1055E-10	0.9477E-11	0.8372E-03	0.6472E-03	0.2930E-11	
0.7643E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.3246E-04	0.6451E-04	0.1535E-03	0.1925E-03	0.3032E-03	0.4090E-03	0.1231E-03	0.9849E-04	0.8210E-04	0.4550E-04	
0.2237E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5397E-04	0.1774E-11	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2086E-03	0.8921E-12	0.5077E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2723E-11	ROW 43
0.5620E-11	0.4149E-03	0.3413E-03	0.5039E-03	0.8334E-03	0.9652E-03	0.1118E-10	0.1425E-10	0.1535E-10	0.8728E-11	
0.5651E-03	0.3279E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1820E-03	0.3595E-03	
0.5203E-03	0.6781E-03	0.8691E-03	0.1405E-02	0.1102E-02	0.8883E-11	0.8941E-11	0.6371E-11	0.4458E-11	0.2498E-11	
0.7458E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9656E-05	
0.6246E-04	0.1360E-03	0.1888E-03	0.1740E-03	0.2778E-03	0.3564E-03	0.2749E-03	0.1157E-03	0.6418E-04	0.4272E-04	
0.3740E-04	0.1188E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3397E-04	0.1190E-03	0.2441E-03	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2092E-03	0.1197E-11	0.6016E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1602E-11	ROW 44
0.5746E-11	0.5614E-03	0.3976E-03	0.5303E-03	0.8093E-03	0.1126E-02	0.1447E-10	0.1190E-10	0.1595E-10	0.1098E-10	
0.8773E-03	0.1362E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1621E-03	0.3273E-03	
0.6865E-03	0.1010E-02	0.1023E-02	0.8725E-03	0.9590E-03	0.7279E-11	0.6652E-11	0.5611E-11	0.4372E-11	0.3061E-11	

0.7581E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.7334E-04	0.1613E-03	0.1806E-03	0.1876E-03	0.1890E-03	0.1935E-03	0.2558E-03	0.1136E-03	0.9676E-04	0.7849E-04		
0.5612E-04	0.2521E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9700E-04	0.1916E-03	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1849E-03	0.1793E-03	0.7689E-12	0.9684E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4631E-03	ROW	45
0.5270E-11	0.6494E-11	0.4995E-03	0.5402E-03	0.8220E-03	0.1300E-02	0.9946E-11	0.9714E-11	0.1155E-10	0.1333E-10		
0.6478E-11	0.1862E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6004E-04	0.2351E-03	0.3246E-03		
0.8499E-03	0.6850E-03	0.6143E-03	0.7951E-03	0.9473E-03	0.9510E-03	0.8099E-03	0.6794E-11	0.4296E-11	0.2252E-11		
0.6020E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1048E-03	0.1919E-03	0.1526E-03	0.1605E-03	0.1374E-03	0.1531E-03	0.2007E-03	0.2511E-03	0.1029E-03	0.9433E-04		
0.8120E-04	0.8446E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4689E-05	0.1083E-03	0.1440E-03		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1030E-03	0.1720E-03	0.1277E-03	0.2993E-04	0.2113E-04	0.3228E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.3143E-03	ROW	46
0.4114E-11	0.8003E-11	0.6465E-03	0.6339E-03	0.9831E-03	0.1426E-02	0.9747E-11	0.7154E-03	0.7719E-11	0.9808E-11		
0.4621E-11	0.3027E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1954E-03	0.4675E-03	0.6552E-03		
0.8069E-03	0.7030E-03	0.5964E-03	0.6494E-03	0.8890E-03	0.9420E-03	0.9317E-03	0.7610E-03	0.5323E-03	0.2488E-03		
0.1107E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4530E-04		
0.1334E-03	0.1596E-03	0.1222E-03	0.1017E-03	0.9964E-04	0.1144E-03	0.1994E-03	0.2001E-03	0.1773E-03	0.1077E-03		
0.1068E-03	0.1312E-03	0.2674E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3490E-04	0.8300E-04		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1362E-11	0.9068E-04	0.1508E-03	0.9831E-04	0.1274E-03	0.1294E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.3037E-03	ROW	47
0.3715E-03	0.7891E-03	0.8270E-11	0.6964E-03	0.8299E-03	0.1406E-02	0.9562E-03	0.5657E-03	0.5422E-11	0.5267E-11		
0.2227E-11	0.5045E-06	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5987E-12	0.2512E-03	0.4036E-03	0.7961E-03		
0.5851E-03	0.5849E-03	0.5796E-03	0.5038E-03	0.6350E-03	0.7127E-03	0.6264E-03	0.4686E-03	0.3293E-03	0.1944E-03		
0.2260E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9122E-04	0.1033E-03		
0.1142E-03	0.2373E-03	0.9697E-04	0.1057E-03	0.1008E-03	0.9183E-04	0.1396E-03	0.1945E-03	0.1787E-03	0.1240E-03		
0.1211E-03	0.1236E-03	0.5585E-04	0.2188E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1719E-04	0.4473E-04		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1573E-03	0.1235E-03	0.1074E-03	0.1071E-11	0.2632E-03	0.1406E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.2447E-03	ROW	48
0.2753E-03	0.4725E-03	0.7151E-03	0.7084E-03	0.6057E-03	0.1304E-02	0.1159E-02	0.7870E-03	0.4870E-03	0.3145E-03		
0.1872E-03	0.7063E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1080E-03	0.2869E-03	0.6468E-03		
0.6057E-03	0.4421E-03	0.4754E-11	0.4594E-03	0.3850E-03	0.4957E-03	0.5670E-03	0.3843E-03	0.2783E-03	0.1023E-03		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1167E-03	0.9430E-04		
0.1185E-03	0.1572E-03	0.9615E-04	0.6872E-04	0.5670E-04	0.9492E-04	0.9224E-04	0.1763E-03	0.2063E-03	0.1261E-03		
0.1000E-03	0.8641E-04	0.6661E-04	0.4063E-04	0.2073E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.3466E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1858E-03	0.1708E-03	0.1755E-03	0.2177E-03	0.1505E-03	0.3551E-04	0.3433E-04	0.0000E+00	0.0000E+00	0.2025E-03	ROW	49
0.1922E-03	0.3706E-11	0.6077E-03	0.5681E-03	0.4757E-03	0.8947E-03	0.1200E-02	0.1158E-02	0.6222E-03	0.3219E-03		
0.1882E-03	0.3834E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1120E-03	0.3042E-03	0.4927E-03		
0.5389E-03	0.4074E-03	0.3435E-11	0.4428E-03	0.3550E-03	0.3895E-03	0.3390E-03	0.2607E-03	0.1544E-03	0.3914E-04		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2157E-04	0.2815E-04		
0.1206E-03	0.1607E-03	0.9553E-04	0.3760E-04	0.2558E-04	0.3790E-04	0.7478E-04	0.8690E-04	0.1422E-03	0.1002E-03		
0.8558E-04	0.1616E-03	0.1211E-03	0.8606E-04	0.6300E-04	0.4946E-04	0.3126E-06	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1577E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.2579E-03	0.3028E-03	0.3078E-03	0.3017E-03	0.1995E-03	0.9596E-04	0.1708E-03	0.4578E-04	0.0000E+00	0.7571E-04	ROW	50
0.3460E-03	0.3436E-03	0.4056E-11	0.3830E-11	0.3266E-11	0.5291E-03	0.6747E-03	0.8968E-03	0.7961E-03	0.3505E-03		
0.2104E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1618E-03	0.3236E-11	0.6029E-03		
0.6197E-03	0.5023E-03	0.4287E-03	0.3966E-03	0.2838E-03	0.2228E-03	0.2210E-03	0.2018E-03	0.8998E-04	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.6287E-04	0.8608E-04	0.9368E-04	0.1397E-04	0.0000E+00	0.0000E+00	0.2897E-04	0.5917E-04	0.1572E-03	0.3097E-03		

0.1136E-03	0.1401E-03	0.1643E-03	0.1374E-03	0.1613E-03	0.1367E-03	0.6564E-04	0.3223E-04	0.1959E-04	0.1181E-05	
0.0000E+00	0.0000E+00	0.1761E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.3002E-03	0.3257E-03	0.2368E-03	0.2483E-03	0.3254E-03	0.1878E-03	0.3398E-03	0.1708E-03	0.1321E-04	0.8804E-05	ROW 51
0.2078E-03	0.1890E-03	0.6708E-03	0.2424E-03	0.3404E-11	0.4105E-11	0.5447E-11	0.1282E-02	0.1049E-02	0.5654E-03	
0.1690E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4231E-11	0.5893E-11	0.6443E-03	
0.4727E-03	0.4092E-03	0.3621E-03	0.3683E-03	0.3085E-03	0.2197E-03	0.1356E-03	0.9492E-04	0.3020E-04	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.1561E-04	0.3143E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3616E-04	0.1149E-03	0.2665E-03	
0.2819E-03	0.3252E-03	0.1582E-03	0.1534E-03	0.1751E-03	0.1670E-03	0.9787E-04	0.8554E-04	0.3133E-04	0.5487E-05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2530E-03	0.2782E-03	0.3339E-03	0.3909E-03	0.4546E-03	0.3199E-03	0.1881E-03	0.2791E-03	0.7307E-04	0.3169E-04	ROW 52
0.1541E-03	0.3918E-03	0.4912E-03	0.3020E-03	0.5291E-11	0.5881E-11	0.5775E-11	0.1046E-02	0.1245E-02	0.5600E-03	
0.2371E-03	0.6054E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3669E-11	0.4234E-11	0.5492E-03	
0.4928E-03	0.4213E-03	0.3134E-03	0.2508E-03	0.2231E-03	0.1778E-03	0.1239E-03	0.6811E-04	0.6163E-05	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8012E-04	0.2981E-03	
0.3032E-03	0.3612E-03	0.4082E-03	0.1730E-03	0.1891E-03	0.1907E-03	0.1682E-03	0.6119E-04	0.4668E-04	0.3105E-04	
0.2094E-04	0.0000E+00	0.0000E+00	0.1903E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2202E-03	0.2688E-03	0.3362E-03	0.4730E-03	0.6817E-03	0.4138E-03	0.1382E-03	0.7058E-04	0.1866E-03	0.9508E-04	ROW 53
0.1329E-03	0.2826E-03	0.4094E-03	0.8892E-03	0.5758E-03	0.5086E-11	0.6320E-11	0.6438E-03	0.8809E-03	0.5200E-03	
0.2750E-03	0.5550E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3532E-04	0.3051E-03	0.8128E-03	0.4600E-11	
0.5470E-03	0.4037E-03	0.2383E-11	0.2931E-03	0.2157E-03	0.1627E-03	0.8290E-04	0.3482E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2712E-04	0.2556E-03	
0.2342E-03	0.3663E-03	0.3110E-03	0.4191E-03	0.2053E-03	0.2047E-03	0.1630E-03	0.8634E-04	0.7366E-04	0.6689E-04	
0.1841E-04	0.0000E+00	0.0000E+00	0.2105E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2097E-03	0.2664E-03	0.3539E-03	0.5002E-03	0.7994E-03	0.6300E-03	0.1573E-03	0.9317E-04	0.3354E-03	0.1444E-03	ROW 54
0.8716E-04	0.1505E-03	0.2808E-03	0.5652E-03	0.4012E-03	0.4414E-03	0.5321E-11	0.4500E-03	0.4615E-03	0.3414E-03	
0.1564E-03	0.8224E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6660E-04	0.3071E-03	0.5812E-11	0.6184E-11	
0.4043E-11	0.3969E-11	0.3903E-11	0.3186E-11	0.3365E-03	0.2542E-03	0.1612E-03	0.4129E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1630E-03	
0.2425E-03	0.2410E-03	0.2747E-03	0.3359E-03	0.4532E-03	0.1859E-03	0.1669E-03	0.8002E-04	0.1074E-03	0.1127E-03	
0.6613E-04	0.0000E+00	0.0000E+00	0.2417E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2010E-03	0.2468E-03	0.3562E-03	0.6197E-03	0.9922E-03	0.6943E-03	0.3979E-03	0.1225E-03	0.4129E-03	0.2183E-03	ROW 55
0.8628E-04	0.9244E-04	0.1998E-03	0.3847E-03	0.6550E-03	0.4311E-03	0.7806E-11	0.6195E-03	0.3747E-03	0.2721E-03	
0.1688E-03	0.8980E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3632E-04	0.3178E-03	0.8220E-11	0.7618E-11	
0.6443E-11	0.5740E-11	0.5280E-11	0.4951E-11	0.3540E-11	0.3775E-03	0.2231E-03	0.9646E-04	0.9553E-05	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7766E-04	
0.1313E-03	0.2006E-03	0.2552E-03	0.2533E-03	0.3406E-03	0.4242E-03	0.1743E-03	0.8641E-04	0.8221E-04	0.1094E-03	
0.5730E-04	0.0000E+00	0.0000E+00	0.1886E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1873E-03	0.2289E-03	0.3130E-03	0.5090E-03	0.8898E-03	0.8152E-03	0.5529E-03	0.2976E-03	0.5124E-03	0.2298E-03	ROW 56
0.9684E-04	0.8892E-04	0.1805E-03	0.3072E-03	0.5124E-03	0.9992E-03	0.5370E-11	0.7161E-03	0.4574E-03	0.3797E-03	
0.2516E-03	0.3532E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1514E-04	0.3505E-03	0.7504E-11	0.8916E-11	
0.7770E-11	0.7745E-11	0.8645E-11	0.6430E-11	0.4596E-11	0.4626E-03	0.3476E-03	0.1716E-03	0.7396E-04	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1695E-04	
0.9399E-04	0.1153E-03	0.1565E-03	0.2210E-03	0.2239E-03	0.3341E-03	0.3612E-03	0.1001E-03	0.6939E-04	0.1293E-03	
0.5522E-04	0.0000E+00	0.0000E+00	0.2782E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1709E-03	0.2137E-03	0.2585E-03	0.3723E-03	0.5888E-03	0.9966E-03	0.7642E-03	0.4258E-03	0.1934E-03	0.2932E-03	ROW 57
0.1224E-03	0.8804E-04	0.1497E-03	0.2694E-03	0.4226E-03	0.7175E-03	0.3401E-11	0.4974E-03	0.6303E-03	0.4763E-03	
0.2176E-03	0.1211E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2775E-04	0.2568E-03	0.5423E-03	0.5725E-11	
0.1107E-10	0.1066E-10	0.9401E-11	0.7139E-11	0.5514E-11	0.3675E-11	0.3578E-03	0.1561E-11	0.1094E-03	0.5855E-05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2404E-04	0.5362E-04	0.9153E-04	0.1368E-03	0.1871E-03	0.2838E-03	0.2640E-03	0.3143E-03	0.8846E-04	0.9012E-04	
0.5835E-04	0.4515E-04	0.0000E+00	0.7710E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2005E-03	0.9469E-04	0.1087E-03	0.2601E-03	0.4723E-03	0.6127E-03	0.9170E-03	0.5106E-03	0.2403E-03	0.3240E-03	ROW 58
0.1734E-03	0.1021E-03	0.1637E-03	0.2386E-03	0.3891E-03	0.5916E-03	0.3298E-03	0.4425E-03	0.5311E-03	0.4278E-03	
0.2018E-03	0.9535E-04	0.8577E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.1059E-04	0.1973E-03	0.3935E-03	0.5075E-11	
0.9912E-11	0.1523E-10	0.1019E-10	0.9746E-11	0.6993E-11	0.4333E-11	0.3078E-11	0.3393E-03	0.1966E-03	0.7519E-04	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1623E-04	0.1356E-03	
0.1068E-03	0.5321E-04	0.1376E-04	0.1202E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.2958E-04	0.4499E-04	0.5403E-04	0.1655E-03	0.1311E-03	0.2823E-03	0.1332E-03	0.7946E-04	0.4720E-04	
0.8512E-04	0.3223E-04	0.0000E+00	0.9377E-06	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1604E-03	0.1468E-03	0.1739E-03	0.2056E-03	0.3957E-03	0.5659E-03	0.7161E-03	0.6923E-03	0.2665E-03	0.3821E-03	ROW 59
0.2069E-03	0.1400E-03	0.1805E-03	0.2412E-03	0.3592E-03	0.5133E-03	0.3108E-03	0.3835E-03	0.5092E-03	0.3417E-03	
0.1951E-03	0.1397E-03	0.5196E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8425E-04	0.2830E-03	0.6488E-03	
0.8119E-11	0.1622E-10	0.1321E-10	0.1044E-10	0.7012E-11	0.5374E-11	0.5459E-11	0.4029E-11	0.2870E-11	0.1588E-11	
0.1002E-03	0.2003E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1418E-04	0.1118E-03	0.9060E-04	0.2130E-03	
0.1987E-03	0.1183E-03	0.5547E-04	0.9522E-04	0.7088E-04	0.4006E-04	0.2065E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.3945E-04	0.5958E-04	0.1100E-03	0.1118E-03	0.1925E-03	0.8380E-04	0.8233E-04	0.3063E-04	
0.3542E-04	0.1299E-04	0.0000E+00	0.6147E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1280E-03	0.1192E-03	0.1412E-03	0.1726E-03	0.3368E-03	0.6726E-03	0.7452E-03	0.6433E-03	0.2891E-03	0.4199E-03	ROW 60
0.2254E-03	0.1866E-03	0.2166E-03	0.2597E-03	0.3777E-03	0.5353E-03	0.2585E-11	0.4478E-03	0.5910E-03	0.3548E-03	
0.2139E-03	0.1589E-03	0.6256E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1236E-03	0.4132E-03	
0.9793E-03	0.1274E-10	0.1173E-10	0.9600E-11	0.8208E-11	0.6626E-03	0.7663E-03	0.7384E-11	0.5399E-11	0.4060E-03	
0.2287E-03	0.1368E-03	0.1171E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.5814E-04	0.1017E-03	0.1652E-03	0.3119E-03	
0.2597E-03	0.1516E-03	0.8814E-04	0.9492E-04	0.1168E-03	0.1162E-03	0.4602E-04	0.3236E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.7951E-04	0.9492E-04	0.1204E-03	0.1132E-03	0.1278E-03	0.7343E-04	0.7885E-04	0.2490E-04	
0.2813E-04	0.2501E-04	0.3473E-06	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1009E-03	0.1026E-03	0.1192E-03	0.1500E-03	0.2972E-03	0.5291E-03	0.6869E-03	0.5843E-03	0.2761E-03	0.4393E-03	ROW 61
0.2588E-03	0.2377E-03	0.2483E-03	0.3372E-03	0.4595E-03	0.6189E-03	0.1000E-02	0.5681E-03	0.6343E-03	0.4127E-03	
0.2627E-03	0.1352E-03	0.1029E-03	0.1614E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1816E-04	0.2644E-03	
0.6483E-03	0.9438E-11	0.1494E-10	0.1087E-10	0.8310E-11	0.7821E-11	0.7883E-03	0.6558E-11	0.5732E-03	0.3404E-03	
0.1876E-03	0.1627E-03	0.6934E-04	0.2774E-05	0.0000E+00	0.0000E+00	0.3328E-04	0.7827E-04	0.2650E-03	0.3055E-03	
0.2843E-03	0.1637E-03	0.1416E-03	0.1192E-03	0.1904E-03	0.2373E-03	0.9656E-04	0.9923E-04	0.4253E-04	0.0000E+00	
0.0000E+00	0.0000E+00	0.7396E-05	0.1381E-03	0.1097E-03	0.1446E-03	0.1130E-03	0.5879E-04	0.7311E-04	0.7856E-04	
0.2969E-04	0.2063E-04	0.9169E-05	0.1563E-04	0.2588E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.8132E-04	0.8659E-04	0.1011E-03	0.1229E-03	0.1905E-03	0.4132E-03	0.4710E-03	0.4763E-03	0.3519E-03	0.8554E-04	ROW 62
0.2773E-03	0.2095E-03	0.2676E-03	0.3803E-03	0.5300E-03	0.7087E-03	0.1080E-02	0.5628E-03	0.6031E-03	0.4184E-03	
0.2815E-03	0.1803E-03	0.1100E-03	0.9081E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1655E-03	
0.5282E-03	0.9835E-11	0.1395E-10	0.1054E-10	0.7852E-11	0.6313E-11	0.5602E-03	0.4846E-03	0.3784E-11	0.2663E-03	
0.3049E-03	0.1894E-03	0.1661E-03	0.6841E-04	0.1818E-04	0.0000E+00	0.1140E-04	0.6317E-04	0.1288E-03	0.2350E-03	
0.2654E-03	0.1985E-03	0.2174E-03	0.1939E-03	0.2983E-03	0.2451E-03	0.1543E-03	0.1541E-03	0.1091E-03	0.4222E-04	
0.0000E+00	0.0000E+00	0.0000E+00	0.2555E-03	0.1479E-03	0.2529E-03	0.7251E-04	0.3543E-04	0.4970E-04	0.3084E-04	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5507E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	

0.7417E-04	0.7304E-04	0.8113E-04	0.9544E-04	0.1534E-03	0.3033E-03	0.3661E-03	0.4563E-11	0.4610E-03	0.1272E-03	ROW 63
0.3997E-03	0.2395E-03	0.2694E-03	0.4375E-03	0.2148E-03	0.2471E-03	0.3609E-03	0.5050E-03	0.5529E-03	0.4416E-03	
0.4103E-03	0.1729E-03	0.1483E-03	0.5146E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5196E-04	
0.2755E-03	0.6434E-11	0.1345E-02	0.1050E-02	0.8325E-03	0.6550E-03	0.5385E-03	0.4908E-03	0.3938E-03	0.3018E-03	
0.3960E-03	0.2178E-03	0.2074E-03	0.1165E-03	0.4838E-04	0.0000E+00	0.0000E+00	0.3821E-04	0.1193E-03	0.1678E-03	
0.2003E-03	0.2607E-03	0.2946E-03	0.2580E-03	0.2909E-03	0.3493E-03	0.2034E-03	0.2133E-03	0.1649E-03	0.4068E-04	
0.1572E-04	0.3390E-05	0.5023E-04	0.2912E-03	0.2523E-03	0.7013E-04	0.5627E-04	0.5439E-04	0.4791E-04	0.5048E-05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.6344E-04	0.5967E-04	0.6532E-04	0.8358E-04	0.1318E-03	0.2906E-03	0.4753E-03	0.5916E-03	0.5773E-03	0.2500E-03	ROW 64
0.1011E-03	0.2870E-03	0.3495E-03	0.5458E-03	0.2814E-03	0.3275E-03	0.3205E-03	0.5901E-03	0.7117E-03	0.6767E-03	
0.6179E-03	0.3718E-03	0.1473E-03	0.6205E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1347E-03	0.4372E-11	0.1023E-02	0.1480E-02	0.8649E-03	0.8302E-03	0.7511E-03	0.5013E-03	0.3914E-03	0.5017E-03	
0.3883E-03	0.3017E-03	0.2083E-03	0.1310E-03	0.6194E-04	0.1017E-04	0.0000E+00	0.2465E-05	0.5978E-04	0.1365E-03	
0.1586E-03	0.2352E-03	0.3595E-03	0.3098E-03	0.3669E-03	0.3482E-03	0.2361E-03	0.2807E-03	0.2549E-03	0.1044E-03	
0.4047E-04	0.5948E-04	0.6811E-04	0.2040E-03	0.8949E-04	0.5966E-04	0.7476E-04	0.1739E-04	0.3387E-04	0.2295E-05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1239E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.5365E-04	0.5101E-04	0.5628E-04	0.7944E-04	0.1067E-03	0.1811E-03	0.4034E-03	0.6795E-03	0.7131E-11	0.5417E-03	ROW 65
0.1390E-03	0.4094E-03	0.4490E-03	0.6532E-03	0.3530E-03	0.4880E-03	0.3366E-03	0.5667E-03	0.6826E-03	0.1026E-02	
0.7655E-03	0.2936E-03	0.1599E-03	0.6306E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.8375E-04	0.3239E-03	0.7053E-03	0.1282E-02	0.1085E-02	0.9130E-03	0.7055E-03	0.5789E-03	0.4629E-11	0.3291E-03	
0.4019E-03	0.3088E-03	0.1966E-03	0.1230E-03	0.6687E-04	0.1325E-04	0.0000E+00	0.0000E+00	0.2650E-04	0.8505E-04	
0.1729E-03	0.2995E-03	0.3491E-03	0.3279E-03	0.3172E-03	0.3026E-03	0.2379E-03	0.4151E-03	0.2046E-03	0.1282E-03	
0.1119E-03	0.1994E-03	0.1550E-03	0.3445E-03	0.9675E-04	0.6425E-04	0.4342E-04	0.4337E-04	0.2409E-04	0.5783E-05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.4838E-04	0.4273E-04	0.4875E-04	0.6965E-04	0.9092E-04	0.1523E-03	0.3360E-03	0.6137E-03	0.7612E-11	0.5397E-11	ROW 66
0.3119E-03	0.4824E-03	0.4640E-03	0.7430E-03	0.3639E-03	0.5549E-03	0.4017E-03	0.4114E-03	0.6453E-03	0.8457E-03	
0.5896E-03	0.2539E-03	0.1892E-03	0.9586E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.8173E-04	0.2210E-03	0.6586E-03	0.1334E-02	0.1417E-02	0.9393E-03	0.9393E-03	0.6817E-03	0.5360E-03	0.4824E-03	
0.4317E-03	0.2847E-03	0.1895E-03	0.1091E-03	0.4807E-04	0.7396E-05	0.0000E+00	0.0000E+00	0.5855E-05	0.6102E-04	
0.1337E-03	0.3054E-03	0.2706E-03	0.2726E-03	0.2578E-03	0.2324E-03	0.2572E-03	0.5658E-03	0.2732E-03	0.1650E-03	
0.8670E-04	0.1903E-03	0.2499E-03	0.2592E-03	0.1050E-03	0.6333E-04	0.3736E-04	0.3635E-04	0.1611E-04	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.4499E-04	0.3275E-04	0.3991E-04	0.4461E-04	0.7059E-04	0.1161E-03	0.3343E-03	0.5668E-03	0.5792E-03	0.5658E-03	ROW 67
0.2867E-11	0.1790E-03	0.4930E-03	0.8038E-03	0.5027E-03	0.6045E-03	0.5168E-03	0.4730E-03	0.5916E-03	0.6594E-11	
0.6010E-03	0.2734E-03	0.1751E-03	0.1039E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.1327E-03	0.4823E-03	0.1108E-02	0.1135E-02	0.8692E-03	0.8885E-03	0.7727E-11	0.7252E-03	0.5471E-03	
0.3234E-03	0.2582E-03	0.1541E-03	0.8290E-04	0.3482E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3667E-04	
0.1236E-03	0.2104E-03	0.2057E-03	0.1915E-03	0.1948E-03	0.1960E-03	0.3951E-03	0.6512E-03	0.3324E-03	0.9726E-04	
0.5507E-04	0.1151E-03	0.1776E-03	0.1903E-03	0.9947E-04	0.6572E-04	0.4186E-04	0.3704E-04	0.1735E-04	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.3690E-04	0.2334E-04	0.2617E-04	0.3219E-04	0.5177E-04	0.1105E-03	0.2953E-03	0.4450E-03	0.5451E-03	0.5816E-03	ROW 68
0.4056E-03	0.2125E-03	0.5617E-03	0.8337E-03	0.4804E-03	0.5699E-03	0.5138E-03	0.4572E-03	0.5000E-03	0.5643E-03	
0.5146E-03	0.2516E-03	0.1665E-03	0.4944E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.8425E-04	0.4554E-03	0.1156E-02	0.1023E-02	0.7117E-03	0.7098E-11	0.9193E-03	0.7604E-03	0.5029E-03	
0.3108E-03	0.2512E-03	0.1337E-03	0.6194E-04	0.1263E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1941E-04	
0.1131E-03	0.1985E-03	0.1444E-03	0.2163E-03	0.2256E-03	0.2527E-03	0.3427E-03	0.5917E-03	0.1843E-03	0.1070E-03	
0.5145E-04	0.7189E-04	0.8759E-04	0.1679E-03	0.1376E-03	0.9638E-04	0.4791E-04	0.4943E-04	0.1992E-04	0.4544E-05	
0.3855E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2805E-04	0.1807E-04	0.1600E-04	0.1920E-04	0.4480E-04	0.8828E-04	0.2737E-03	0.5788E-03	0.6191E-03	0.4167E-03	ROW 69
0.3384E-03	0.2623E-03	0.2045E-03	0.7554E-03	0.3794E-03	0.4240E-03	0.5291E-03	0.4516E-03	0.4117E-03	0.7033E-03	

0.3885E-03	0.2307E-03	0.1640E-03	0.5852E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.5751E-04	0.3622E-03	0.1081E-02	0.9512E-03	0.5987E-03	0.8065E-03	0.7908E-03	0.6432E-03	0.7225E-03		
0.4134E-03	0.1658E-03	0.1140E-03	0.3421E-04	0.3698E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.3698E-05	0.1911E-04		
0.6533E-04	0.1220E-03	0.1035E-03	0.1621E-03	0.1821E-03	0.2071E-03	0.3002E-03	0.5291E-03	0.1610E-03	0.8397E-04		
0.3685E-04	0.3202E-04	0.4833E-04	0.1241E-03	0.1530E-03	0.1425E-03	0.6315E-04	0.7559E-04	0.4342E-04	0.2139E-04		
0.2029E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1939E-04	0.1487E-04	0.1092E-04	0.1544E-04	0.3953E-04	0.1001E-03	0.2483E-03	0.4817E-03	0.5662E-03	0.1919E-03	ROW	70
0.2767E-03	0.7061E-03	0.6497E-03	0.2233E-03	0.8760E-03	0.3410E-03	0.3882E-03	0.3712E-03	0.4012E-03	0.6525E-11		
0.4510E-03	0.2011E-03	0.1508E-03	0.4187E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.1009E-04	0.2015E-03	0.8694E-03	0.7820E-03	0.7016E-03	0.4906E-03	0.6700E-03	0.7843E-03	0.7365E-03		
0.5173E-03	0.1878E-03	0.8875E-04	0.1787E-04	0.0000E+00	0.1233E-05	0.1233E-04	0.0000E+00	0.1140E-04	0.3667E-04		
0.6133E-04	0.6595E-04	0.1091E-03	0.1257E-03	0.1439E-03	0.1676E-03	0.2213E-03	0.3436E-03	0.8135E-04	0.4843E-04		
0.1530E-04	0.0000E+00	0.9061E-05	0.9061E-04	0.5310E-03	0.2023E-03	0.8362E-04	0.1128E-03	0.5709E-04	0.3965E-04		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.6196E-04	0.3121E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.1016E-04	0.7718E-05	0.6212E-05	0.1092E-04	0.3859E-04	0.1254E-03	0.2144E-03	0.4966E-03	0.7572E-03	0.1767E-03	ROW	71
0.1665E-03	0.5790E-03	0.8830E-03	0.3319E-03	0.7835E-03	0.8469E-03	0.3099E-11	0.3571E-11	0.3938E-11	0.5728E-03		
0.4261E-03	0.2482E-03	0.8947E-04	0.3582E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.2043E-03	0.6253E-03	0.5896E-03	0.6199E-03	0.4540E-03	0.5926E-03	0.6428E-03	0.5876E-03		
0.5220E-03	0.2110E-03	0.7797E-04	0.4623E-05	0.0000E+00	0.3082E-05	0.3421E-04	0.3636E-04	0.3986E-04	0.1174E-03		
0.6328E-04	0.6122E-04	0.8752E-04	0.9954E-04	0.1125E-03	0.1322E-03	0.1676E-03	0.6655E-04	0.4188E-04	0.5225E-04		
0.0000E+00	0.0000E+00	0.0000E+00	0.1299E-04	0.1858E-03	0.1716E-03	0.1071E-03	0.9078E-04	0.5434E-04	0.2267E-04		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4957E-05		
0.1033E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.2824E-05	0.0000E+00	0.9412E-06	0.8659E-05	0.4122E-04	0.5487E-04	0.1030E-03	0.4042E-03	0.7154E-03	0.4553E-03	ROW	72
0.6498E-03	0.5053E-03	0.5875E-03	0.3665E-03	0.8346E-03	0.9059E-03	0.3833E-03	0.4422E-03	0.7268E-03	0.5639E-03		
0.2670E-11	0.1736E-03	0.1493E-03	0.2657E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.9434E-04	0.3558E-03	0.3955E-03	0.5146E-03	0.4555E-03	0.4977E-03	0.5248E-03	0.4799E-03		
0.5101E-03	0.2186E-03	0.6903E-04	0.3082E-05	0.9245E-06	0.1294E-04	0.5670E-04	0.1042E-03	0.8177E-04	0.2268E-03		
0.1216E-03	0.1023E-03	0.1273E-03	0.1112E-03	0.1125E-03	0.1424E-03	0.1891E-03	0.3695E-04	0.1299E-04	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4198E-04	0.2797E-03	0.1564E-03	0.9748E-04	0.8197E-04	0.5113E-04		
0.3231E-04	0.2919E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2891E-04		
0.1014E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.1506E-05	0.3464E-04	0.9600E-04	0.1973E-03	0.4147E-03	0.6636E-11	0.4836E-03	ROW	73
0.3398E-03	0.5513E-03	0.4386E-03	0.7823E-03	0.3780E-03	0.1012E-02	0.4091E-03	0.7106E-03	0.6313E-03	0.4189E-03		
0.1937E-11	0.8915E-04	0.4095E-04	0.6996E-04	0.3229E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.5953E-04	0.2346E-03	0.3501E-03	0.3972E-03	0.3663E-03	0.4641E-03	0.4145E-03	0.3449E-03		
0.3932E-03	0.2519E-03	0.6626E-04	0.1140E-04	0.1263E-04	0.2774E-04	0.8567E-04	0.2262E-03	0.1487E-03	0.2003E-03		
0.2046E-03	0.1469E-03	0.1790E-03	0.1482E-03	0.1374E-03	0.1883E-03	0.2042E-03	0.2406E-04	0.1208E-05	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3625E-05	0.1906E-03	0.1635E-03	0.1572E-03	0.1541E-03	0.1302E-03		
0.9812E-04	0.5461E-04	0.1303E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9831E-04		
0.1552E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2428E-04	0.7134E-04	0.3460E-03	0.5337E-03	0.6473E-11	0.4649E-03	ROW	74
0.3192E-03	0.4826E-03	0.3727E-03	0.6059E-03	0.4209E-03	0.4199E-03	0.4355E-03	0.5618E-03	0.4368E-03	0.2380E-03		
0.1135E-03	0.2645E-04	0.0000E+00	0.0000E+00	0.3668E-04	0.8543E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.2371E-04	0.1206E-03	0.1934E-03	0.2782E-03	0.4319E-03	0.2716E-03	0.3636E-03	0.2420E-03		
0.2285E-03	0.1588E-11	0.6287E-04	0.2835E-04	0.2527E-04	0.3914E-04	0.9738E-04	0.2696E-03	0.2451E-03	0.2782E-03		
0.3039E-03	0.1964E-03	0.2299E-03	0.1904E-03	0.1664E-03	0.2601E-03	0.7944E-04	0.1017E-04	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2199E-03	0.2289E-03	0.2701E-03	0.2203E-03	0.1181E-03		
0.6710E-04	0.3286E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4819E-05	0.1404E-03		
0.2210E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8283E-05	0.8057E-04	0.3706E-03	0.6280E-11	0.5269E-03	0.4220E-03	ROW	75
0.1655E-03	0.4812E-03	0.3657E-03	0.5634E-03	0.4422E-03	0.6977E-11	0.9516E-03	0.5622E-03	0.2837E-03	0.1685E-03		
0.6483E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1971E-03	0.1066E-03	0.5415E-04	0.0000E+00	0.0000E+00		
0.0000E+00	0.0000E+00	0.0000E+00	0.6811E-04	0.1544E-03	0.2755E-03	0.3234E-03	0.2295E-03	0.3159E-03	0.2872E-03		

0.1635E-03	0.1599E-03	0.9153E-04	0.5054E-04	0.3112E-04	0.4653E-04	0.1180E-03	0.2280E-03	0.2650E-03	0.4228E-03	
0.3945E-03	0.2472E-03	0.1896E-03	0.1520E-03	0.1917E-03	0.2388E-03	0.7199E-04	0.4027E-06	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1263E-03	0.4217E-03	0.2570E-03	0.2145E-03	0.1209E-03	
0.6526E-04	0.2809E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2836E-04	0.1019E-03	
0.2207E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8847E-05	0.6212E-04	0.4258E-03	0.4828E-11	0.4886E-03	0.1956E-03	ROW 76
0.1391E-03	0.4521E-03	0.3075E-03	0.5301E-03	0.5028E-11	0.7249E-11	0.8804E-03	0.5438E-03	0.3293E-03	0.1570E-03	
0.5460E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1437E-03	0.2758E-03	0.2284E-03	0.1054E-03	0.1514E-04	
0.0000E+00	0.0000E+00	0.0000E+00	0.4187E-04	0.1120E-03	0.1952E-03	0.1712E-03	0.2352E-03	0.1857E-03	0.2330E-03	
0.2096E-03	0.1633E-03	0.1023E-03	0.6225E-04	0.3205E-04	0.6040E-04	0.1248E-03	0.2194E-03	0.2971E-03	0.4569E-03	
0.4703E-03	0.2895E-03	0.2209E-03	0.1765E-03	0.2210E-03	0.2347E-03	0.5135E-04	0.1591E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3564E-04	0.2163E-03	0.1437E-03	0.2080E-03	0.1887E-03	
0.9711E-04	0.4571E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3717E-04	0.1490E-03	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2372E-04	0.1050E-03	0.3142E-11	0.3083E-03	0.4631E-03	0.1656E-03	ROW 77
0.1116E-03	0.3168E-03	0.2501E-03	0.4840E-03	0.4312E-11	0.6317E-11	0.1147E-10	0.8407E-03	0.4666E-03	0.2269E-03	
0.4863E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9683E-04	0.3809E-03	0.2671E-03	0.5533E-04	0.8627E-04	
0.1211E-04	0.0000E+00	0.0000E+00	0.1614E-04	0.7568E-04	0.1236E-03	0.1787E-03	0.1902E-03	0.1580E-03	0.1892E-03	
0.1649E-03	0.1341E-03	0.9337E-04	0.5239E-04	0.3112E-04	0.5763E-04	0.1300E-03	0.2123E-03	0.4000E-03	0.4417E-03	
0.5335E-03	0.3086E-03	0.2435E-03	0.1062E-03	0.2613E-03	0.2262E-03	0.2170E-04	0.1415E-04	0.5336E-05	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2990E-04	0.1516E-03	0.3036E-03	0.2601E-03	0.2145E-03	
0.1246E-03	0.4479E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2657E-04	0.3145E-03	
0.2656E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.9412E-06	0.3953E-04	0.1120E-03	0.2214E-03	0.3435E-03	0.2208E-03	0.3479E-03	ROW 78
0.4748E-03	0.2806E-03	0.1616E-03	0.3139E-03	0.5676E-03	0.1004E-02	0.1095E-10	0.1382E-10	0.6842E-03	0.2734E-03	
0.8488E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1719E-03	0.2585E-03	0.9148E-04	0.7114E-04	
0.5903E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.4238E-04	0.1954E-03	0.1383E-03	0.1233E-03	0.1138E-03	0.1467E-03	
0.1196E-03	0.9923E-04	0.7334E-04	0.4653E-04	0.3606E-04	0.6872E-04	0.1257E-03	0.2173E-03	0.3633E-03	0.3480E-03	
0.4483E-03	0.1715E-03	0.1424E-03	0.1138E-03	0.2809E-03	0.2283E-03	0.2235E-04	0.1243E-04	0.2054E-04	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1731E-03	0.1239E-03	0.1928E-03	0.1621E-03	
0.9977E-04	0.2653E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1625E-04	0.1364E-03	
0.1938E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.2447E-05	0.4367E-04	0.1619E-03	0.3258E-03	0.4292E-03	0.5584E-03	0.1842E-03	ROW 79
0.4124E-03	0.2445E-03	0.8716E-04	0.1998E-03	0.3883E-03	0.7646E-03	0.1741E-02	0.1574E-10	0.8889E-11	0.3698E-03	
0.1109E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2730E-04	0.2009E-03	0.3508E-03	0.9300E-04	
0.5936E-04	0.3532E-04	0.1514E-05	0.0000E+00	0.2523E-05	0.1413E-04	0.1305E-03	0.1815E-03	0.9944E-04	0.1106E-03	
0.9153E-04	0.7396E-04	0.6317E-04	0.5609E-04	0.5516E-04	0.6934E-04	0.1279E-03	0.2065E-03	0.3082E-03	0.5399E-03	
0.4546E-03	0.1877E-03	0.1521E-03	0.1264E-03	0.4969E-04	0.2685E-03	0.3000E-04	0.1540E-04	0.2386E-04	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1377E-03	0.2815E-03	0.9907E-04	0.8472E-04	
0.5186E-04	0.8858E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9707E-04	
0.1682E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6607E-04	0.2893E-03	0.4158E-03	0.4985E-03	0.5520E-03	0.3497E-03	ROW 80
0.1222E-03	0.2735E-03	0.8149E-04	0.6661E-04	0.1779E-03	0.4557E-03	0.1008E-02	0.1433E-10	0.1059E-10	0.4385E-03	
0.1480E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5545E-05	0.1071E-03	0.2075E-03	0.2586E-03	
0.9401E-04	0.8425E-04	0.1160E-04	0.0000E+00	0.0000E+00	0.7063E-05	0.1985E-03	0.1565E-03	0.1569E-03	0.9553E-04	
0.7180E-04	0.6225E-04	0.6133E-04	0.6133E-04	0.6133E-04	0.8382E-04	0.1304E-03	0.1963E-03	0.3066E-03	0.5011E-03	
0.5007E-03	0.2125E-03	0.1812E-03	0.7375E-04	0.5829E-04	0.3905E-03	0.3947E-04	0.2225E-04	0.8306E-05	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6615E-04	0.2057E-03	0.1230E-03	0.1269E-03	
0.6187E-04	0.1230E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7270E-04	
0.1569E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1101E-03	0.3599E-03	0.5412E-03	0.6221E-03	0.6268E-03	0.4294E-03	ROW 81
0.1045E-03	0.2367E-03	0.1028E-03	0.0000E+00	0.5669E-05	0.2140E-03	0.6165E-03	0.7855E-11	0.1128E-02	0.4713E-03	
0.1088E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4777E-04	0.1597E-03	0.2400E-03	
0.1367E-03	0.1155E-03	0.4137E-04	0.3027E-05	0.1917E-04	0.2876E-04	0.7164E-04	0.2653E-03	0.1122E-03	0.8968E-04	
0.6441E-04	0.6133E-04	0.6133E-04	0.6133E-04	0.6379E-04	0.9584E-04	0.1482E-03	0.2129E-03	0.2940E-03	0.4638E-03	
0.4785E-03	0.2638E-03	0.2173E-03	0.8286E-04	0.6882E-04	0.1542E-03	0.5160E-04	0.2623E-04	0.1339E-04	0.2114E-04	

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6796E-04	0.2172E-03	0.1704E-03	0.2147E-03	
0.1220E-03	0.3800E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1776E-04	
0.1040E-03	0.8307E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8283E-04	0.2739E-03	0.4269E-03	0.6037E-03	0.6218E-03	0.3455E-03	ROW 82
0.1100E-03	0.6130E-04	0.7299E-04	0.0000E+00	0.0000E+00	0.4252E-05	0.2799E-03	0.6140E-11	0.1154E-02	0.3442E-03	
0.6953E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5886E-04	0.1173E-03	0.1457E-03	
0.1850E-03	0.7753E-04	0.6962E-04	0.2825E-04	0.4288E-04	0.5398E-04	0.7669E-04	0.2144E-03	0.1617E-03	0.1082E-03	
0.6965E-04	0.6163E-04	0.6225E-04	0.6410E-04	0.6934E-04	0.1039E-03	0.1593E-03	0.2243E-03	0.3112E-03	0.4302E-03	
0.6718E-03	0.6231E-03	0.2278E-03	0.9021E-04	0.7727E-04	0.1496E-03	0.9907E-04	0.3036E-04	0.1757E-04	0.5165E-04	
0.1903E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5678E-04	0.2057E-03	0.1640E-11	0.2597E-03	
0.1160E-03	0.2699E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1859E-04	
0.6333E-04	0.5191E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5365E-04	0.2069E-03	0.3607E-03	0.5075E-03	0.6884E-03	0.3511E-03	ROW 83
0.9460E-04	0.5457E-04	0.8078E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.1056E-03	0.4351E-03	0.7665E-03	0.2696E-03	
0.5716E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6611E-04	0.8659E-04	
0.2336E-03	0.1103E-03	0.1065E-03	0.5852E-04	0.6760E-04	0.8022E-04	0.9333E-04	0.1675E-03	0.2435E-03	0.1099E-03	
0.9399E-04	0.6749E-04	0.7088E-04	0.7581E-04	0.8598E-04	0.9831E-04	0.1562E-03	0.2447E-03	0.1039E-03	0.1398E-03	
0.5954E-03	0.6217E-03	0.2516E-03	0.2030E-03	0.8991E-04	0.8996E-04	0.1286E-03	0.6897E-04	0.2044E-04	0.8487E-04	
0.4047E-04	0.1087E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6615E-04	0.2084E-03	0.1343E-11	0.2351E-03	
0.1302E-03	0.2827E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2409E-04	
0.8041E-04	0.3860E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7153E-05	0.1107E-03	0.2042E-03	0.3490E-03	0.4412E-03	0.3175E-03	ROW 84
0.9708E-04	0.2409E-03	0.7016E-04	0.7157E-04	0.1417E-04	0.0000E+00	0.0000E+00	0.2172E-03	0.7183E-03	0.3353E-03	
0.5716E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3242E-04	0.1113E-03	
0.3069E-03	0.1159E-03	0.4372E-04	0.8778E-04	0.9081E-04	0.1044E-03	0.1105E-03	0.1569E-03	0.1510E-03	0.1789E-03	
0.8916E-04	0.8567E-04	0.8321E-04	0.8783E-04	0.9091E-04	0.9153E-04	0.1310E-03	0.2287E-03	0.1240E-03	0.1359E-03	
0.5464E-03	0.5857E-03	0.3024E-03	0.2164E-03	0.8447E-04	0.7229E-04	0.1278E-03	0.7702E-04	0.2663E-04	0.1075E-03	
0.6947E-04	0.3625E-04	0.1450E-04	0.1812E-05	0.7249E-05	0.5739E-05	0.5437E-04	0.2027E-03	0.1368E-11	0.2448E-03	
0.1134E-03	0.3846E-04	0.7022E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4544E-04	
0.2157E-04	0.3456E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3558E-04	0.1043E-03	0.2099E-03	0.3368E-03	0.1644E-03	ROW 85
0.1052E-03	0.2806E-03	0.1318E-03	0.3685E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.1095E-03	0.6897E-03	0.3604E-03	
0.9000E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6825E-05	0.1425E-03	
0.2817E-03	0.2198E-03	0.6575E-04	0.1206E-03	0.1181E-03	0.1534E-03	0.1614E-03	0.1821E-03	0.3148E-03	0.1265E-03	
0.6289E-04	0.1075E-03	0.8385E-04	0.8517E-04	0.8279E-04	0.7934E-04	0.9950E-04	0.1836E-03	0.4829E-04	0.5302E-04	
0.6545E-04	0.8677E-04	0.2329E-03	0.2153E-03	0.9650E-04	0.7390E-04	0.1396E-03	0.8497E-04	0.3046E-04	0.1371E-03	
0.9212E-04	0.5648E-04	0.3262E-04	0.2235E-04	0.2598E-04	0.2477E-04	0.8306E-04	0.2465E-03	0.1607E-11	0.2578E-03	
0.1198E-03	0.4020E-04	0.3773E-04	0.1161E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4268E-05	0.4819E-04	
0.2593E-04	0.3965E-04	0.3791E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5271E-05	0.4781E-04	0.1086E-03	0.2206E-03	0.1545E-03	ROW 86
0.1077E-03	0.3883E-03	0.3366E-03	0.2144E-03	0.7157E-04	0.0000E+00	0.0000E+00	0.1913E-03	0.7098E-03	0.3327E-03	
0.9683E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6057E-04	
0.1702E-03	0.2122E-03	0.8661E-04	0.1937E-03	0.8829E-04	0.8089E-04	0.2326E-03	0.2230E-03	0.3062E-03	0.1347E-03	
0.1063E-03	0.5554E-04	0.1077E-03	0.1011E-03	0.9340E-04	0.8119E-04	0.1072E-03	0.1571E-03	0.3808E-04	0.4798E-04	
0.6014E-04	0.7385E-04	0.8438E-04	0.8973E-04	0.9429E-04	0.8190E-04	0.8160E-04	0.9635E-04	0.2126E-03	0.1589E-03	
0.1169E-03	0.8306E-04	0.5074E-04	0.3262E-04	0.4259E-04	0.6131E-04	0.1115E-03	0.3507E-03	0.1982E-11	0.2555E-03	
0.1262E-03	0.6076E-04	0.3350E-04	0.2015E-04	0.1010E-04	0.3488E-05	0.0000E+00	0.0000E+00	0.1404E-04	0.2006E-04	
0.3396E-04	0.3451E-04	0.4048E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2409E-04	0.6683E-04	0.1572E-03	0.2206E-03	ROW 87
0.9673E-04	0.5350E-03	0.3653E-03	0.4209E-03	0.8149E-05	0.0000E+00	0.0000E+00	0.4960E-05	0.3391E-03	0.4790E-03	
0.1408E-03	0.2559E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3028E-04	
0.1284E-03	0.1373E-03	0.5246E-04	0.8274E-04	0.1086E-03	0.1078E-03	0.2105E-03	0.2139E-03	0.2997E-03	0.4879E-03	
0.1551E-03	0.9526E-04	0.1406E-03	0.1210E-03	0.1069E-03	0.8730E-04	0.1035E-03	0.1526E-03	0.1956E-03	0.2465E-03	
0.3288E-03	0.6165E-04	0.6731E-04	0.8186E-04	0.1005E-03	0.8583E-04	0.6504E-04	0.5024E-04	0.2377E-03	0.1870E-03	
0.1432E-03	0.1121E-03	0.7974E-04	0.5739E-04	0.7883E-04	0.1160E-03	0.2060E-03	0.4352E-03	0.2482E-11	0.2511E-03	
0.1323E-03	0.7729E-04	0.3479E-04	0.3314E-04	0.1515E-04	0.9546E-05	0.3626E-05	0.3717E-05	0.2354E-04	0.1804E-04	

0.3029E-04	0.3061E-04	0.3704E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5271E-05	0.4217E-04	0.1111E-03	0.1850E-03	ROW 88
0.2528E-03	0.4036E-03	0.4794E-03	0.2030E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2406E-03	0.4965E-03	
0.1369E-03	0.1578E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2666E-04	0.8488E-04	0.7422E-04	0.1005E-03	0.1678E-03	0.1413E-03	0.1466E-03	0.3589E-03	0.3592E-03	0.3592E-03	0.3038E-03	
0.9720E-04	0.9579E-04	0.5873E-04	0.1343E-03	0.1234E-03	0.1075E-03	0.1191E-03	0.1377E-03	0.1772E-03	0.1772E-03	0.2163E-03	
0.2789E-03	0.3258E-03	0.5983E-04	0.6912E-04	0.7447E-04	0.8034E-04	0.6806E-04	0.5668E-04	0.4802E-04	0.4802E-04	0.3594E-04	
0.1743E-03	0.1398E-03	0.1033E-03	0.7642E-04	0.1178E-03	0.1782E-03	0.3066E-03	0.2005E-11	0.2842E-11	0.2842E-11	0.2775E-03	
0.1511E-03	0.9509E-04	0.3933E-04	0.2813E-04	0.2130E-04	0.2295E-04	0.1028E-04	0.5186E-05	0.2575E-04	0.2575E-04	0.1615E-04	
0.2166E-04	0.3038E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2504E-04	0.6155E-04	0.2598E-03	ROW 89
0.4013E-03	0.5337E-03	0.4167E-03	0.1488E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2955E-03	0.4163E-03	
0.1344E-03	0.9384E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.6142E-04	0.1045E-03	0.2496E-03	0.2186E-03	0.1561E-03	0.1732E-03	0.6266E-04	0.6266E-04	0.5064E-04	
0.4794E-04	0.4015E-04	0.2054E-03	0.1563E-03	0.1356E-03	0.1271E-03	0.1284E-03	0.1324E-03	0.1568E-03	0.1568E-03	0.1940E-03	
0.2359E-03	0.4736E-04	0.5616E-04	0.6244E-04	0.6912E-04	0.8105E-04	0.7214E-04	0.4081E-03	0.5860E-04	0.5860E-04	0.4269E-04	
0.3443E-04	0.1643E-03	0.1266E-03	0.1006E-03	0.1401E-03	0.2311E-03	0.4047E-03	0.2146E-11	0.2389E-11	0.2389E-11	0.2738E-03	
0.1751E-03	0.6044E-04	0.4677E-04	0.3346E-04	0.3286E-04	0.3768E-04	0.1964E-04	0.8995E-05	0.5012E-04	0.5012E-04	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.5815E-03	0.6551E-03	0.1268E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6231E-04	0.2310E-03	ROW 90
0.5844E-04	0.8275E-04	0.7678E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.5886E-04	0.2231E-03	0.2329E-03	0.2317E-03	0.1798E-03	0.2181E-03	0.7217E-04	0.7217E-04	0.5948E-04	
0.5983E-04	0.4798E-04	0.3958E-04	0.1857E-03	0.1573E-03	0.1385E-03	0.1329E-03	0.1319E-03	0.1409E-03	0.1409E-03	0.1815E-03	
0.2155E-03	0.2709E-03	0.3643E-03	0.1431E-03	0.7536E-04	0.8065E-04	0.7063E-04	0.6116E-04	0.3365E-03	0.3365E-03	0.2860E-03	
0.2377E-03	0.2033E-03	0.1586E-03	0.1365E-03	0.1356E-03	0.2730E-03	0.5455E-03	0.2663E-11	0.2793E-11	0.2793E-11	0.2453E-03	
0.1659E-03	0.6205E-04	0.5379E-04	0.4048E-04	0.3956E-04	0.4975E-04	0.3263E-04	0.1060E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.5271E-03	0.3051E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3238E-04	0.2317E-03	ROW 91
0.8019E-04	0.3063E-03	0.5178E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.8232E-04	0.2013E-03	0.2777E-03	0.2386E-03	0.2393E-03	0.3658E-03	0.9406E-04	0.9406E-04	0.7836E-04	
0.6399E-04	0.5214E-04	0.4117E-04	0.3582E-04	0.1780E-03	0.1571E-03	0.1486E-03	0.1417E-03	0.1340E-03	0.1340E-03	0.1465E-03	
0.1902E-03	0.2489E-03	0.3983E-03	0.1696E-03	0.2044E-03	0.9313E-04	0.7606E-04	0.6887E-04	0.4192E-03	0.4192E-03	0.5829E-04	
0.4868E-04	0.3932E-04	0.1945E-03	0.1676E-03	0.1516E-03	0.2601E-03	0.5980E-03	0.2958E-11	0.3135E-11	0.3135E-11	0.2099E-03	
0.8628E-04	0.7701E-04	0.1553E-03	0.1060E-03	0.5746E-04	0.7825E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.4126E-03	0.8149E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1318E-04	0.1990E-03	ROW 92
0.9492E-04	0.2065E-03	0.6458E-11	0.2090E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.4009E-04	0.1034E-03	0.1698E-03	0.2401E-03	0.2583E-03	0.3583E-03	0.1137E-03	0.1137E-03	0.1081E-03	
0.7558E-04	0.5342E-04	0.4670E-04	0.3763E-04	0.1977E-03	0.1799E-03	0.1690E-03	0.1645E-03	0.1558E-03	0.1558E-03	0.1462E-03	
0.1722E-03	0.2216E-03	0.3357E-03	0.1588E-03	0.1626E-03	0.1133E-03	0.9122E-04	0.9333E-04	0.8976E-04	0.8976E-04	0.6992E-04	
0.5452E-04	0.2721E-03	0.2250E-03	0.1966E-03	0.1640E-03	0.2570E-03	0.4066E-03	0.2313E-11	0.2875E-11	0.2875E-11	0.2337E-11	
0.2334E-03	0.2662E-03	0.2474E-03	0.6971E-04	0.1022E-03	0.1103E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2976E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1038E-03	0.4279E-04	0.5053E-04	ROW 93
0.7375E-04	0.1160E-11	0.3975E-11	0.6782E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.9469E-04	0.8872E-04	0.1175E-03	0.1386E-03	0.2813E-03	0.3824E-03	0.7718E-03	0.7718E-03	0.9356E-03	
0.1050E-03	0.7938E-04	0.5572E-04	0.4223E-04	0.3772E-04	0.2067E-03	0.1934E-03	0.1929E-03	0.1815E-03	0.1815E-03	0.1730E-03	
0.1794E-03	0.1964E-03	0.2547E-03	0.3346E-03	0.4161E-03	0.8703E-04	0.1167E-03	0.1059E-03	0.1069E-03	0.1069E-03	0.7828E-04	
0.6157E-04	0.2942E-03	0.2564E-03	0.2214E-03	0.1758E-03	0.2120E-03	0.3011E-03	0.4902E-03	0.1943E-11	0.1943E-11	0.2142E-11	
0.2337E-03	0.2629E-03	0.1066E-03	0.9700E-04	0.8691E-04	0.8747E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	

0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5873E-04	0.2146E-03	ROW 94
1.396E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1470E-04	0.4634E-04	0.3368E-04	
6.148E-04	0.7973E-12	0.1919E-11	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.2090E-04	0.9085E-04	0.7401E-04	0.1179E-03	0.2305E-03	0.6485E-03	0.4508E-03	0.7626E-03	
1.072E-03	0.8721E-04	0.5758E-04	0.5028E-04	0.4674E-04	0.4347E-04	0.4197E-04	0.3900E-04	0.3617E-04	0.1993E-03	
1.855E-03	0.1860E-03	0.2311E-03	0.2996E-03	0.4710E-03	0.1864E-03	0.9946E-04	0.1258E-03	0.1011E-03	0.8482E-04	
6.640E-04	0.3226E-03	0.2827E-03	0.2434E-03	0.2148E-03	0.2117E-03	0.2791E-03	0.3452E-03	0.5195E-03	0.2164E-03	
2.286E-03	0.2914E-03	0.2492E-03	0.1925E-03	0.7733E-04	0.7253E-04	0.7546E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1137E-03	0.4243E-03	ROW 95
1.697E-11	0.3118E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2633E-04	0.2775E-04	0.3023E-04	
4.775E-04	0.7720E-04	0.2947E-11	0.1207E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.3327E-04	0.7294E-04	0.6995E-04	0.1442E-03	0.2608E-03	0.7662E-03	0.3898E-03	0.2225E-03	
1.744E-03	0.7876E-04	0.7155E-04	0.7695E-04	0.7606E-04	0.6271E-04	0.6514E-04	0.4988E-04	0.4719E-04	0.4024E-04	
2.054E-03	0.1876E-03	0.2051E-03	0.2746E-03	0.3558E-03	0.4442E-03	0.1964E-03	0.1378E-03	0.1229E-03	0.8643E-04	
6.811E-04	0.3667E-03	0.3241E-03	0.2818E-03	0.2450E-03	0.2202E-03	0.2453E-03	0.3033E-03	0.3821E-03	0.4682E-03	
1.927E-03	0.1745E-03	0.2018E-03	0.1632E-03	0.6998E-04	0.6649E-04	0.1351E-03	0.1248E-03	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9544E-04	0.2963E-03	ROW 96
1.992E-11	0.4216E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5471E-04	0.2687E-04	0.1957E-04	
3.972E-04	0.7749E-04	0.1638E-03	0.3549E-03	0.3711E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.3540E-04	0.6526E-04	0.7891E-04	0.1286E-03	0.2216E-03	0.8370E-03	0.6712E-03	0.3076E-03	
6.521E-04	0.2360E-03	0.8769E-04	0.8208E-04	0.2027E-03	0.7956E-04	0.2148E-03	0.7319E-04	0.6558E-04	0.5117E-04	
4.378E-04	0.2133E-03	0.1873E-03	0.2505E-03	0.3227E-03	0.4015E-03	0.5118E-03	0.1147E-03	0.1194E-03	0.1011E-03	
8.175E-04	0.6761E-04	0.3597E-03	0.3075E-03	0.2755E-03	0.2489E-03	0.2392E-03	0.2794E-03	0.3347E-03	0.3830E-03	
4.564E-03	0.1824E-03	0.9812E-04	0.7807E-04	0.6730E-04	0.1763E-03	0.1759E-03	0.6674E-04	0.7901E-04	0.1579E-03	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3991E-04	0.1758E-03	ROW 97
2.152E-11	0.9496E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4838E-04	0.2030E-04	0.4089E-05	
2.585E-04	0.8368E-04	0.1509E-03	0.5605E-03	0.9810E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.8552E-04	0.1482E-03	0.1459E-03	0.1802E-03	0.2182E-03	0.3911E-03	0.6577E-03	0.2956E-03	
0.0000E+00	0.1878E-03	0.3636E-03	0.5387E-04	0.0000E+00	0.2622E-04	0.3211E-03	0.5542E-03	0.1089E-03	0.8827E-04	
6.417E-04	0.4316E-04	0.1873E-03	0.2449E-03	0.3009E-03	0.3630E-03	0.4553E-03	0.9941E-04	0.1205E-03	0.1073E-03	
8.754E-04	0.7380E-04	0.3830E-03	0.3464E-03	0.3026E-03	0.2706E-03	0.2522E-03	0.2616E-03	0.3008E-03	0.3307E-03	
6.398E-04	0.7390E-04	0.8648E-04	0.8125E-04	0.6406E-04	0.5479E-04	0.1375E-03	0.1554E-03	0.6307E-04	0.1293E-03	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6457E-04	0.3006E-03	ROW 98
2.741E-11	0.9815E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1166E-03	0.9288E-04	0.2804E-04	0.0000E+00	
1.270E-04	0.5651E-04	0.1115E-03	0.4493E-04	0.5182E-04	0.5908E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.1194E-04	0.5502E-04	0.1361E-03	0.2352E-03	0.3252E-03	0.2482E-03	0.6832E-03	0.4217E-03	0.7584E-04	
0.0000E+00	0.3969E-04	0.6450E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.6379E-04	0.4912E-03	0.1395E-03	0.1237E-03	
8.287E-04	0.5280E-04	0.2104E-03	0.2181E-03	0.2826E-03	0.3455E-03	0.4092E-03	0.8955E-04	0.1138E-03	0.2508E-11	
0.1897E-11	0.8261E-04	0.7028E-04	0.3757E-03	0.3289E-03	0.2984E-03	0.2724E-03	0.2567E-03	0.2809E-03	0.3181E-03	
0.5814E-04	0.2669E-03	0.8990E-04	0.1005E-03	0.1408E-03	0.4987E-04	0.1218E-03	0.1052E-03	0.1255E-03	0.1193E-03	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5911E-04	0.2688E-03	ROW 99
0.2841E-11	0.8326E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2200E-03	0.7720E-04	0.2964E-04	0.0000E+00	
0.2044E-05	0.2716E-04	0.2278E-04	0.3354E-04	0.1568E-03	0.1478E-03	0.2645E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.5396E-04	0.1371E-03	0.1483E-03	0.4321E-03	0.3617E-03	0.6825E-03	0.3615E-03	0.1829E-03	
0.3827E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4848E-03	0.6166E-03	0.1380E-03	
0.1014E-03	0.6147E-04	0.2417E-03	0.2094E-03	0.2667E-03	0.3181E-03	0.4097E-03	0.8575E-04	0.1012E-03	0.2638E-11	
0.2336E-11	0.9157E-04	0.7586E-04	0.6856E-04	0.3552E-03	0.3193E-03	0.2885E-03	0.2712E-03	0.2776E-03	0.2918E-03	
0.2350E-03	0.2495E-03	0.2818E-03	0.2467E-03	0.1497E-03	0.4557E-04	0.9862E-04	0.8237E-04	0.8106E-04	0.7228E-04	
0.6350E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9526E-05	0.3300E-04	0.6207E-04	
0.6568E-04	0.5305E-04	0.5024E-04	0.6064E-04	0.8019E-04	0.8349E-04					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8847E-04	0.1632E-03	ROW 100
0.1020E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3791E-04	0.8655E-04	0.4021E-04	0.4673E-05	0.0000E+00	

0.0000E+00	0.2015E-04	0.1509E-04	0.3714E-04	0.4907E-04	0.8239E-04	0.3691E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.8104E-05	0.1358E-03	0.7197E-04	0.1245E-03	0.2437E-03	0.5048E-03	0.9809E-03	0.5741E-03	0.2077E-03	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2360E-03	0.6726E-03	
0.8221E-04	0.6244E-04	0.4418E-04	0.2231E-03	0.2537E-03	0.3107E-03	0.3550E-03	0.8473E-04	0.1134E-03	0.1488E-03	
0.1201E-03	0.1060E-03	0.8633E-04	0.6927E-04	0.3766E-03	0.3353E-03	0.3081E-03	0.2090E-03	0.1918E-03	0.2086E-03	
0.7303E-04	0.2312E-03	0.9351E-04	0.1979E-03	0.1265E-03	0.4532E-04	0.3430E-04	0.2939E-04	0.1855E-04	0.3605E-04	
0.1121E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2578E-04	0.3617E-04	0.6656E-04	
0.6338E-04	0.5554E-04	0.4900E-04	0.6873E-04	0.8137E-04	0.8803E-04					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4330E-04	0.4028E-04	0.8866E-04	ROW 101
0.6494E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1127E-03	0.6075E-04	0.2088E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.1665E-04	0.1563E-04	0.2478E-04	0.4181E-04	0.6437E-04	0.4168E-04	0.2062E-04	0.1270E-04	0.0000E+00	
0.2019E-04	0.7425E-04	0.1306E-03	0.6621E-04	0.1139E-03	0.2097E-03	0.4287E-03	0.8477E-03	0.4217E-03	0.1977E-03	
0.5670E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4040E-04	0.3678E-03	
0.9397E-04	0.6054E-04	0.4847E-04	0.2354E-03	0.2375E-03	0.2802E-03	0.3277E-03	0.4580E-03	0.9194E-04	0.1232E-03	
0.1486E-03	0.1167E-03	0.8709E-04	0.7385E-04	0.9084E-04	0.3516E-03	0.2277E-03	0.2038E-03	0.1793E-03	0.1901E-03	
0.6992E-04	0.7745E-04	0.8044E-04	0.1683E-03	0.1297E-03	0.5448E-04	0.5124E-04	0.3561E-04	0.1351E-04	0.1905E-04	
0.4296E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2297E-04	0.9040E-04	0.5877E-04	
0.4775E-04	0.3873E-04	0.4458E-04	0.6257E-04	0.8112E-04	0.9775E-04					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2842E-04	0.1244E-03	0.4762E-04	0.3624E-04	ROW 102
0.1399E-04	0.1957E-04	0.1910E-04	0.0000E+00	0.0000E+00	0.1034E-03	0.3349E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.1577E-04	0.1412E-04	0.2560E-04	0.4245E-04	0.8901E-04	0.4537E-04	0.2269E-04	0.2280E-04	0.0000E+00	
0.1172E-04	0.5731E-04	0.1029E-03	0.1680E-03	0.9455E-04	0.1452E-03	0.1508E-03	0.2293E-03	0.4727E-03	0.1084E-03	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2353E-03	
0.9910E-04	0.7323E-04	0.5311E-04	0.2648E-03	0.2197E-03	0.2518E-03	0.2990E-03	0.3635E-03	0.4657E-03	0.9601E-04	
0.1285E-03	0.1106E-03	0.1276E-03	0.1042E-03	0.9476E-04	0.8673E-04	0.2267E-03	0.2012E-03	0.1711E-03	0.1995E-03	
0.8094E-04	0.7004E-04	0.6413E-04	0.1320E-03	0.7042E-04	0.7546E-04	0.6463E-04	0.2634E-04	0.5105E-05	0.2428E-05	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7658E-05	0.6556E-04	0.1052E-03	
0.8760E-04	0.8050E-04	0.4022E-04	0.5877E-04	0.8835E-04	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1760E-04	0.4621E-04	0.2263E-04	0.2099E-04	0.9236E-05	ROW 103
0.1364E-04	0.1358E-04	0.1467E-04	0.5812E-04	0.5225E-04	0.7788E-04	0.2570E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.1314E-04	0.1290E-04	0.3427E-04	0.4980E-04	0.9965E-04	0.7935E-04	0.2822E-04	0.2052E-04	0.0000E+00	
0.3908E-05	0.3159E-04	0.6285E-04	0.1237E-03	0.7153E-04	0.9509E-04	0.1206E-03	0.1910E-03	0.3175E-03	0.1736E-03	
0.3189E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8647E-04	
0.4494E-03	0.8093E-04	0.6200E-04	0.4931E-04	0.2489E-03	0.2311E-03	0.2746E-03	0.3256E-03	0.3712E-03	0.4630E-03	
0.5543E-03	0.9658E-04	0.1654E-03	0.2295E-03	0.1064E-03	0.9252E-04	0.2465E-03	0.1972E-03	0.1653E-03	0.1621E-03	
0.8679E-04	0.7247E-04	0.5622E-04	0.5491E-04	0.7540E-04	0.8368E-04	0.5964E-04	0.1625E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2746E-04	0.4856E-04	
0.4987E-04	0.7415E-04	0.4557E-04	0.6369E-04	0.6680E-04	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2268E-04	0.9393E-04	0.2779E-04	0.1443E-04	0.1894E-04	ROW 104
0.9236E-05	0.2263E-04	0.4156E-04	0.5410E-04	0.5334E-04	0.4955E-04	0.8324E-05	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.1650E-04	0.1626E-04	0.3256E-04	0.4430E-04	0.6991E-04	0.5840E-04	0.3343E-04	0.1661E-04	0.0000E+00	
0.0000E+00	0.0000E+00	0.3256E-04	0.7555E-04	0.1482E-03	0.6502E-04	0.9346E-04	0.1347E-03	0.1785E-03	0.3934E-03	
0.1907E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2445E-03	0.4501E-03	0.7107E-04	0.5161E-04	0.4462E-04	0.2308E-03	0.2550E-03	0.2908E-03	0.3290E-03	0.3614E-03	
0.3935E-03	0.4683E-03	0.1783E-03	0.1533E-03	0.1291E-03	0.1104E-03	0.9769E-04	0.7565E-04	0.5946E-04	0.4993E-04	
0.7210E-04	0.6824E-04	0.4595E-04	0.4501E-04	0.5578E-04	0.6743E-04	0.5585E-04	0.6649E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4483E-05	0.2223E-04	
0.3325E-04	0.8274E-04	0.4283E-04	0.5454E-04	0.6039E-04	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2541E-04	0.4311E-04	0.7897E-05	0.9263E-05	0.1197E-04	ROW 105
0.6504E-05	0.2886E-04	0.1776E-04	0.6124E-04	0.7804E-04	0.8119E-04	0.1081E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.1270E-04	0.2225E-04	0.3758E-04	0.4298E-04	0.5797E-04	0.4038E-04	0.5569E-04	0.2931E-05	0.0000E+00	
0.0000E+00	0.0000E+00	0.1954E-05	0.4852E-04	0.9346E-04	0.1413E-03	0.6752E-04	0.1280E-03	0.1795E-03	0.9426E-03	
0.7435E-03	0.1595E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2807E-03	0.4678E-03	0.8080E-04	0.5714E-04	0.4878E-04	0.2611E-03	0.2372E-03	0.2661E-03	0.2871E-03	0.3203E-03	
0.3611E-03	0.4150E-03	0.9061E-04	0.1245E-03	0.1591E-03	0.1234E-03	0.9326E-04	0.6873E-04	0.5136E-04	0.4140E-04	
0.4452E-04	0.4968E-04	0.4676E-04	0.3468E-04	0.3767E-04	0.3617E-04	0.1080E-03	0.5827E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1569E-04	
0.3250E-04	0.2553E-04	0.3941E-04	0.4825E-04	0.4813E-04	0.1324E-03					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5158E-04	0.1607E-04	0.7952E-05	0.9755E-05	ROW 106
0.1615E-04	0.1252E-04	0.3837E-04	0.4930E-04	0.7389E-04	0.9813E-04	0.1606E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.1460E-04	0.2064E-04	0.3870E-04	0.4298E-04	0.3242E-04	0.3560E-04	0.3647E-04	0.3256E-06	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.1856E-04	0.5243E-04	0.7946E-04	0.1117E-03	0.7859E-04	0.1158E-03	0.1593E-03	

0.1929E-03	0.3537E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.4678E-04	0.2552E-03	0.8721E-04	0.6399E-04	0.5148E-04	0.2741E-03	0.2457E-03	0.2452E-03	0.2688E-03	0.2916E-03	
0.3245E-03	0.3765E-03	0.7014E-04	0.5983E-04	0.1344E-03	0.1132E-03	0.8860E-04	0.5983E-04	0.5068E-04	0.4321E-04	
0.3748E-04	0.3225E-04	0.2827E-04	0.2808E-04	0.2304E-04	0.6070E-04	0.5454E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1924E-04	
0.3586E-04	0.1781E-04	0.3543E-04	0.3841E-04	0.1104E-03	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2541E-04	0.1454E-04	0.6066E-05	0.7788E-05	ROW 107
0.1221E-04	0.3009E-04	0.4629E-04	0.6575E-04	0.7155E-04	0.4624E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.1509E-05	0.1528E-04	0.7082E-04	0.7769E-04	0.5754E-04	0.3734E-04	0.2475E-04	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1596E-04	0.3582E-04	0.7392E-04	0.4668E-04	0.8315E-04	0.9617E-04	
0.1172E-03	0.3161E-03	0.8222E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.7442E-04	0.3884E-03	0.9176E-04	0.7076E-04	0.5501E-04	0.2884E-03	0.2691E-03	0.2518E-03	0.2494E-03	0.2728E-03	
0.2988E-03	0.3452E-03	0.7160E-04	0.9171E-04	0.8990E-04	0.9862E-04	0.8137E-04	0.6481E-04	0.6438E-04	0.5622E-04	
0.4526E-04	0.2808E-04	0.2030E-04	0.1843E-04	0.1538E-04	0.3567E-04	0.1868E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1494E-05	0.3623E-04	
0.5305E-04	0.1258E-04	0.6855E-04	0.7975E-04	0.8368E-04	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6212E-04	0.2355E-04	0.0000E+00	ROW 108
0.5820E-05	0.2017E-04	0.5763E-04	0.2634E-04	0.2989E-04	0.1129E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.2190E-05	0.5160E-05	0.3242E-04	0.2322E-04	0.3028E-04	0.5645E-05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3191E-04	0.8923E-04	0.4668E-04	0.6252E-04	
0.8825E-04	0.1573E-03	0.2629E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1722E-03	0.4543E-03	0.6641E-03	0.7938E-04	0.6094E-04	0.5121E-04	0.2829E-03	0.2640E-03	0.2515E-03	0.2611E-03	
0.2797E-03	0.3426E-03	0.4190E-03	0.8262E-04	0.7297E-04	0.7583E-04	0.6238E-04	0.7789E-04	0.7608E-04	0.5753E-04	
0.3686E-04	0.2329E-04	0.1768E-04	0.4277E-04	0.3792E-04	0.2932E-04	0.1139E-04	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3549E-05	0.3250E-04	
0.4203E-04	0.2988E-04	0.4595E-04	0.5771E-04	0.6276E-04	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5684E-05	0.0000E+00	ROW 109
0.0000E+00	0.1008E-04	0.2615E-04	0.1481E-04	0.3476E-04	0.4478E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3242E-04	0.6556E-04	0.2605E-05	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1303E-05	0.3680E-04	0.8109E-04	0.5742E-04	
0.8402E-04	0.9010E-04	0.1039E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.3083E-03	0.5415E-03	0.8539E-04	0.6439E-04	0.5439E-04	0.2921E-03	0.2749E-03	0.2616E-03	0.2574E-03	
0.2966E-03	0.3388E-03	0.5462E-04	0.7359E-04	0.5796E-04	0.5205E-04	0.5149E-04	0.5740E-04	0.4862E-04	0.3630E-04	
0.2690E-04	0.1793E-04	0.3885E-04	0.3362E-04	0.2783E-04	0.2017E-04	0.3736E-05	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6350E-05	0.2409E-04	
0.3549E-04	0.3736E-04	0.3661E-04	0.3866E-04	0.4445E-04	0.0000E+00					
0.0000E+00	0.0000E+00	0.9036E-05	0.5271E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW 110
0.0000E+00	0.0000E+00	0.1262E-04	0.8006E-05	0.4527E-05	0.4381E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3256E-04	0.1091E-03	0.1563E-03	0.2345E-04	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.8467E-05	0.5080E-04	0.7392E-04	
0.1348E-03	0.1465E-03	0.1719E-03	0.9607E-04	0.4253E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.2105E-03	0.4494E-03	0.1051E-03	0.7279E-04	0.5621E-04	0.3099E-03	0.2860E-03	0.2733E-03	0.2651E-03	
0.3086E-03	0.8495E-04	0.1129E-03	0.9401E-04	0.5921E-04	0.4352E-04	0.1046E-03	0.2683E-04	0.7098E-04	0.6089E-04	
0.1544E-04	0.3437E-04	0.2503E-04	0.2167E-04	0.1681E-04	0.7471E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6350E-05	0.2615E-04	
0.3960E-04	0.5155E-04	0.4352E-04	0.3680E-04	0.3680E-04	0.0000E+00					
0.1798E-05	0.6212E-04	0.1030E-03	0.5534E-04	0.4725E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	ROW 111
0.0000E+00	0.0000E+00	0.0000E+00	0.7050E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3709E-04	0.7594E-04	0.1529E-03	0.1255E-03	
0.2605E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2605E-05	0.2084E-04	
0.6480E-04	0.9086E-04	0.1153E-03	0.5894E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.4153E-03	0.5138E-03	0.8323E-04	0.7469E-04	0.6067E-04	0.3274E-03	0.2974E-03	0.2892E-03	0.3107E-03	
0.4155E-03	0.1385E-03	0.1276E-03	0.9800E-04	0.7098E-04	0.3125E-04	0.7042E-04	0.5510E-04	0.4146E-04	0.3567E-04	
0.2764E-04	0.1569E-04	0.1195E-04	0.9712E-05	0.4856E-05	0.5603E-06	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1438E-04	0.3343E-04	
0.6556E-04	0.1899E-04	0.5996E-04	0.4557E-04	0.0000E+00	0.0000E+00					
0.0000E+00	0.2334E-04	0.4282E-04	0.1143E-11	0.3039E-04	0.6585E-05	0.1366E-06	0.0000E+00	0.0000E+00	0.0000E+00	ROW 112
0.0000E+00	0.0000E+00	0.0000E+00	0.1530E-05	0.2869E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2293E-04	0.9142E-04	0.1581E-03	0.3020E-03	
0.5406E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2247E-04	0.1943E-04	0.3094E-04	0.1202E-03	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2119E-04	0.5519E-04	0.8533E-04	0.9848E-04	0.8252E-04	0.7129E-04	0.5665E-04	0.2998E-03	0.3001E-03	0.3739E-03	

0.1250E-03	0.1002E-03	0.8872E-04	0.5877E-04	0.1035E-03	0.6388E-04	0.5697E-04	0.4259E-04	0.3082E-04	0.2111E-04	
0.1046E-04	0.1121E-05	0.9339E-06	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5603E-06	0.5043E-05	0.1812E-04	0.3792E-04	
0.8386E-04	0.2335E-04	0.7322E-04	0.5977E-04	0.0000E+00	0.0000E+00					
0.0000E+00	0.0000E+00	0.1153E-04	0.2557E-04	0.2932E-04	0.2560E-04	0.1476E-04	0.1107E-04	0.0000E+00	0.0000E+00	ROW 113
0.0000E+00	0.0000E+00	0.0000E+00	0.1913E-06	0.4755E-05	0.5247E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3164E-05	0.2190E-05	0.7126E-04	0.1556E-03	0.4370E-03	
0.1732E-03	0.3908E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.2475E-04	0.3322E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.2076E-04	0.6664E-04	0.9327E-04	0.1889E-03	0.9928E-04	0.1400E-03	0.1042E-03	0.8916E-04	0.9233E-04	0.1078E-03	
0.8455E-04	0.6662E-04	0.5554E-04	0.3823E-04	0.6500E-04	0.4277E-04	0.3866E-04	0.2839E-04	0.1961E-04	0.8779E-05	
0.5603E-06	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4109E-05	
0.9339E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1868E-05	0.5230E-05	0.9899E-05	0.2148E-04	0.4912E-04	
0.9638E-04	0.2571E-04	0.7415E-04	0.0000E+00	0.0000E+00	0.0000E+00					
0.0000E+00	0.0000E+00	0.3967E-05	0.1295E-04	0.5011E-04	0.4841E-12	0.3541E-04	0.3361E-04	0.1787E-04	0.8854E-05	ROW 114
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6886E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5403E-04	0.1663E-03	0.4477E-03	
0.1926E-03	0.9216E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.2605E-05	0.2182E-04	0.3419E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.1847E-04	0.5076E-04	0.5397E-04	0.1649E-03	0.1763E-03	0.1500E-03	0.1113E-03	0.8953E-04	0.9283E-04	0.9202E-04	
0.6811E-04	0.5940E-04	0.3630E-04	0.6929E-04	0.3530E-04	0.2391E-04	0.2092E-04	0.1233E-04	0.6350E-05	0.9339E-06	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1718E-04	
0.2746E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.1868E-06	0.6537E-05	0.9339E-05	0.1233E-04	0.2578E-04	0.6220E-04	
0.9918E-04	0.2926E-04	0.8312E-04	0.0000E+00	0.0000E+00	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.1088E-04	0.1915E-12	0.3632E-12	0.5181E-04	0.8673E-04	0.6274E-04	0.2558E-04	ROW 115
0.1492E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1967E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1665E-04	0.8888E-04	0.1896E-03	
0.2859E-03	0.1335E-03	0.2931E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.9019E-05	0.1075E-03	0.3891E-04	0.1454E-03	0.4471E-03	0.1632E-03	0.1208E-03	0.8729E-04	0.8038E-04	0.9158E-04	
0.6170E-04	0.3922E-04	0.2522E-04	0.3904E-04	0.1774E-04	0.8965E-05	0.3736E-05	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6164E-05	0.1158E-04	0.1307E-04	0.1420E-04	0.2447E-04	0.8050E-04	
0.3244E-04	0.9825E-04	0.9264E-04	0.0000E+00	0.0000E+00	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.1209E-05	0.1661E-12	0.3291E-12	0.6744E-04	0.1220E-03	0.8198E-04	0.5050E-04	ROW 116
0.2989E-04	0.1519E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4897E-04	0.1392E-03	
0.3710E-03	0.1279E-03	0.4820E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.7695E-05	0.1861E-04	0.1915E-04	
0.2713E-04	0.8954E-04	0.3888E-04	0.3898E-03	0.3674E-03	0.1360E-03	0.1134E-03	0.8548E-04	0.6979E-04	0.6593E-04	
0.4445E-04	0.3181E-04	0.5062E-04	0.2764E-04	0.1363E-04	0.5603E-06	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.4856E-05	0.9899E-05	0.1700E-04	0.1849E-04	0.1700E-04	0.1849E-04	0.2484E-04	0.5641E-04	
0.8442E-04	0.1192E-03	0.8330E-12	0.0000E+00	0.0000E+00	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9112E-05	0.3236E-04	0.5529E-12	0.9477E-04	0.1000E-03	0.7821E-04	ROW 117
0.6602E-04	0.2547E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2921E-06	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4293E-04	0.1026E-03	
0.2898E-03	0.1589E-03	0.6860E-04	0.4526E-04	0.1020E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3042E-05	0.9007E-05	0.2635E-04	0.5911E-04	
0.3102E-04	0.2877E-04	0.3179E-03	0.3297E-03	0.3173E-03	0.1201E-03	0.1015E-03	0.8953E-04	0.6500E-04	0.6463E-04	
0.4252E-04	0.2011E-04	0.3231E-04	0.1756E-04	0.1382E-04	0.3922E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.9339E-05	0.2559E-04	0.4184E-04	0.3829E-04	0.3493E-04	0.2858E-04	0.2988E-04	0.2876E-04	0.4352E-04	
0.7396E-04	0.9376E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00					
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.5672E-05	0.2362E-12	0.5008E-12	0.3843E-04	0.6288E-04	0.9695E-12	ROW 118
0.5531E-04	0.2508E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.2951E-05	0.1145E-04	0.9589E-05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3583E-04	0.9511E-04	
0.3076E-03	0.2827E-03	0.1593E-03	0.9444E-04	0.2485E-04	0.1157E-03	0.3995E-12	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3031E-05	0.1809E-04	0.5048E-04	
0.3368E-04	0.2841E-03	0.2678E-03	0.2723E-03	0.2809E-03	0.2835E-03	0.2525E-03	0.8816E-04	0.5753E-04	0.5441E-04	
0.3350E-04	0.1395E-04	0.2036E-04	0.1662E-04	0.1270E-04	0.4483E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	

0.9712E-05	0.4464E-04	0.5884E-04	0.7845E-04	0.7770E-04	0.1824E-04	0.4277E-04	0.3773E-04	0.3567E-04	0.3661E-04	
0.5902E-04	0.8368E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.2231E-05	0.3635E-04	0.4339E-12	0.3651E-04	0.6701E-04	0.5020E-04	ROW 119
0.5088E-04	0.2339E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1153E-04	0.4673E-05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1392E-04	0.4264E-04	0.1430E-03	
0.2059E-03	0.5355E-04	0.2922E-04	0.1301E-04	0.4611E-05	0.7086E-05	0.6309E-05	0.6209E-12	0.4342E-13	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.3712E-05	0.2106E-04	0.4937E-04	
0.2830E-04	0.2880E-03	0.2376E-03	0.2307E-03	0.2277E-03	0.2267E-03	0.2389E-03	0.1010E-03	0.5161E-04	0.3922E-04	
0.2939E-04	0.1121E-04	0.2111E-04	0.1644E-04	0.1083E-04	0.4856E-05	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.9507E-04	0.3785E-04	0.3636E-04	0.3487E-04	0.1050E-03	0.2422E-04	0.5771E-04	0.4782E-04	0.4557E-04	0.5603E-04	
0.5996E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.6044E-05	0.1159E-04	0.1993E-04	0.3886E-04	0.5878E-04	0.9985E-04	ROW 120
0.7673E-04	0.2175E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.9099E-05	0.1460E-05	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.1012E-04	0.3222E-04	0.1084E-03	
0.1900E-03	0.7041E-04	0.4798E-04	0.1695E-04	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4361E-05	0.1475E-04	0.2728E-04	
0.2886E-04	0.1045E-03	0.8623E-04	0.2107E-03	0.1911E-03	0.2058E-03	0.2535E-03	0.8716E-04	0.5099E-04	0.3648E-04	
0.2335E-04	0.3605E-04	0.2316E-04	0.1737E-04	0.9152E-05	0.4669E-05	0.7471E-06	0.0000E+00	0.0000E+00	0.0000E+00	
0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.4165E-04	
0.2101E-03	0.6182E-04	0.5255E-04	0.4688E-04	0.1171E-03	0.9302E-04	0.7396E-04	0.5958E-04	0.6126E-04	0.1171E-03	
0.9638E-12	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	

APPENDIX D

EVAPOTRANSPIRATION

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

D-8

ROW 52

15AUG94

15AUG94

15AUG94

15AUG94

15AUG94

15AUG94

[illegible]

ROW 104

15AUG94

[illegible]

[illegible]

APPENDIX E

GENERAL HEAD
BOUNDARIES

APPENDIX E - General Head Boundaries

E-1

LAYER	ROW	COL	HEAD (ft)	COND. (ft ² /day)
1	1	4	6100.	742.2
1	1	5	6000.	1016.
1	1	6	5900.	1041.
1	1	7	5875.	1032.
1	1	8	5875.	1017.
1	1	9	5900.	840.8
1	1	10	6000.	516.6
1	1	11	6025.	301.0
1	1	12	6050.	355.8
1	1	13	6075.	416.8
1	1	31	5500.	2280.
1	1	32	5525.	428.8
1	1	33	5500.	1488.
1	1	34	5475.	2180.
1	1	35	5470.	2174.
1	1	36	5465.	2196.
1	1	37	5465.	1736.
1	1	38	5470.	1022.
1	1	39	5475.	2230.
1	1	44	4900.	560.2
1	1	45	4750.	441.4
1	1	46	4600.	620.8
1	1	47	4500.	831.4
1	1	48	4400.	975.6
1	1	49	4375.	1258.
1	1	50	4350.	1513.
1	1	51	4325.	1700.
1	1	52	4321.	1740.
1	1	53	4318.	1720.
1	1	54	4315.	1593.
1	1	55	4312.	1417.
1	1	56	4309.	1170.
1	1	57	4306.	922.4
1	1	58	4303.	750.8
1	1	59	4300.	670.6
1	1	62	4300.	359.6
1	1	63	4303.	183.1
1	1	64	4306.	193.7
1	1	65	4309.	1628.
1	1	66	4312.	1666.
1	1	67	4315.	249.8
1	1	68	4318.	1791.
1	1	69	4321.	1811.
1	1	70	4325.	1819.
1	1	71	4330.	1827.

APPENDIX E - General Head Boundaries

E-2

1	1	72	4335.	1818.
1	1	73	4340.	1845.
1	1	74	4345.	1834.
1	1	75	4350.	55.78
1	11	1	6130.	485.2
1	12	1	6129.	1122.
1	13	1	6127.	1595.
1	14	1	6125.	1841.
1	15	1	6123.	1919.
1	16	1	6121.	1675.
1	17	1	6119.	1030.
1	18	1	6117.	343.0
1	19	1	6115.	206.2
1	37	1	7032.	1877.
1	38	1	7001.	1925.
1	39	1	6939.	58.30
1	52	1	6150.	2058.
1	53	1	6120.	2170.
1	54	1	6090.	2140.
1	55	1	6060.	2192.
1	56	1	6030.	2210.
1	57	1	6000.	2276.
1	59	1	5950.	2198.
1	60	1	5925.	232.2
1	61	1	5900.	594.0
1	62	1	5880.	974.8
1	63	1	5860.	863.2
1	64	1	5840.	835.2
1	65	1	5820.	853.4
1	66	1	5800.	879.4
1	67	1	5780.	870.8
1	68	1	5760.	858.0
1	69	1	5740.	946.2
1	70	1	5720.	1163.
1	71	1	5700.	1548.
1	72	1	5650.	1783.
1	73	1	5600.	2106.
1	74	1	5550.	2118.
1	75	1	5500.	2132.
1	76	1	5480.	2130.
1	77	1	5460.	2122.
1	78	1	5440.	2016.
1	79	1	5420.	1932.
1	80	1	5400.	1957.
1	81	1	5380.	2104.
1	82	1	5360.	2096.
1	83	1	5340.	2090.
1	84	1	5320.	1971.

1	85	1	5300.	1744.
1	86	1	5290.	1427.
1	87	1	5280.	1314.
1	88	1	5270.	1112.
1	89	1	5260.	1170.
1	90	1	5250.	1213.
1	91	1	5240.	1117.
1	92	1	5230.	1296.
1	93	1	5220.	1298.
1	94	1	5210.	1103.
1	95	1	5200.	965.0
1	96	1	5190.	940.6
1	97	1	5180.	937.4
1	98	1	5170.	847.4
1	99	1	5160.	926.6
1	100	1	5150.	917.6
1	101	1	5140.	652.8
1	102	1	5130.	770.6
1	103	1	5120.	1125.
1	104	1	5110.	1495.
1	105	1	5100.	1721.
1	106	1	5090.	1526.
1	107	1	5080.	1234.
1	108	1	5070.	829.8
1	109	1	5060.	479.6
1	110	1	5050.	2024.
1	112	1	5300.	2032.
1	113	1	5250.	220.6
1	114	1	5200.	454.0
1	115	1	5150.	914.8
1	116	1	5000.	1367.
1	117	1	4950.	1741.
1	118	1	4900.	2000.
1	119	1	4850.	2000.
1	120	1	4800.	1998.
1	120	2	4850.	1793.
1	120	3	4900.	1129.
1	120	4	4950.	475.6
1	120	5	5000.	2016.
1	120	13	4420.	539.0
1	120	14	4410.	939.8
1	120	15	4400.	611.0
1	120	21	4320.	648.8
1	120	22	4310.	1618.
1	120	23	4300.	2468.
1	120	24	4290.	2488.
1	120	25	4280.	2206.
1	120	26	4270.	732.4

APPENDIX E - General Head Boundaries

E-4

1	120	30	4300.	1808.
1	120	35	5550.	1979.
1	120	36	5525.	2130.
1	120	37	5500.	2246.
1	120	38	5475.	2238.
1	120	39	5450.	2192.
1	120	43	5250.	2484.
1	120	44	5230.	2514.
1	120	45	5220.	2508.
1	120	46	5240.	2424.
1	120	47	5260.	2306.
1	120	48	5280.	2136.
1	120	49	5300.	1781.
1	120	54	5245.	1954.
1	120	55	5230.	2002.
1	120	56	5215.	2028.
1	120	57	5200.	2054.
1	120	62	5175.	246.2
1	120	63	5166.	607.4
1	120	64	5158.	1051.
1	120	65	5150.	1429.
1	120	66	5142.	1736.
1	120	67	5136.	1938.
1	120	68	5124.	1982.
1	120	69	5116.	1959.
1	120	70	5108.	1953.
1	120	71	5100.	1933.
1	120	72	5095.	1911.
1	120	73	5090.	1962.
1	120	74	5090.	1948.
1	120	75	5095.	1942.
1	120	76	5100.	1945.
1	120	77	5108.	1923.
1	120	78	5116.	1916.
1	120	79	5124.	1914.
1	120	80	5132.	1034.
1	120	81	5140.	1891.
1	120	85	5275.	1744.
1	120	86	5287.	1832.
1	120	87	5300.	1907.
1	120	88	5317.	1962.
1	120	89	5336.	1974.
1	120	90	5350.	1969.
1	2	60	4297.	276.0
1	2	61	4297.	2.580
1	20	75	4445.	1968.
1	21	75	4445.	597.6
1	22	72	4445.	1967.

1	22	73	4445.	404.4
1	22	74	4445.	802.4
1	23	70	4445.	173.2
1	23	71	4445.	1758.
1	50	73	4435.	2426.
1	51	73	4436.	2446.
1	53	74	4438.	2364.
1	54	74	4439.	2346.
1	55	74	4440.	2314.
1	56	74	4441.	2336.
1	57	74	4442.	2358.
1	58	74	4443.	2332.
1	59	74	4444.	2352.
1	60	74	4445.	2418.
1	65	75	4450.	2928.
1	66	76	4450.	2858.
1	67	77	4450.	224.2
1	67	78	4450.	610.2
1	67	79	4450.	726.8
1	68	80	4450.	694.4
1	68	81	4450.	284.8
1	69	81	4450.	2860.
1	70	82	4450.	13.35
1	89	79	5000.	63.78
1	99	82	5050.	753.8
1	99	83	5048.	1189.
1	99	84	5046.	1370.
1	99	85	5044.	1104.
1	99	86	5048.	1231.
1	99	88	5050.	590.8
1	100	87	5046.	1146.
1	2	22	5545.	2066.
1	2	23	5535.	244.4
1	2	24	5525.	255.6
1	3	21	5550.	1873.
2	1	1	6300.	590.2
2	1	2	6200.	583.0
2	1	3	6100.	575.2
2	1	4	6000.	570.2
2	1	5	5995.	572.1
2	1	6	5990.	583.7
2	1	7	5985.	586.9
2	1	8	5985.	611.3
2	1	9	5990.	618.6
2	1	10	5995.	643.3
2	1	11	6000.	649.8
2	1	12	6050.	654.8
2	1	13	6100.	653.3

APPENDIX E - General Head Boundaries

E-6

2	1	14	6150.	643.5
2	1	15	6200.	635.2
2	1	16	6250.	622.4
2	1	17	6300.	596.7
2	1	27	5850.	681.3
2	1	28	5825.	678.0
2	1	29	5800.	675.5
2	1	30	5775.	666.3
2	1	31	5770.	694.2
2	1	32	5725.	676.8
2	1	33	5700.	662.6
2	1	34	5675.	661.3
2	1	35	5650.	675.6
2	1	36	5625.	679.7
2	1	37	5600.	676.1
2	1	38	5575.	671.2
2	1	39	5550.	633.4
2	1	40	5525.	605.4
2	1	41	5500.	384.0
2	1	42	5300.	350.9
2	1	43	5200	10.0
2	1	44	5100.	411.7
2	1	45	4900.	537.4
2	1	46	4700.	554.9
2	1	47	4500.	556.4
2	1	48	4484.	553.1
2	1	49	4439.	530.5
2	1	50	4417.	509.9
2	1	51	4401.	493.5
2	1	52	4394.	478.4
2	1	53	4374.	470.1
2	1	54	4368.	459.2
2	1	55	4356.	450.9
2	1	56	4341.	443.1
2	1	57	4318.	437.4
2	1	58	4305.	428.6
2	1	59	4291.	427.2
2	1	62	4273.	330.0
2	1	63	4267.	338.3
2	1	64	4271.	363.4
2	1	65	4300.	393.3
2	1	66	4300.	429.3
2	1	67	4285.	469.5
2	1	68	4287.	501.3
2	1	69	4292.	524.4
2	1	70	4321.	533.8
2	1	71	4346.	540.7
2	1	72	4363.	548.3

APPENDIX E - General Head Boundaries

E-7

2	1	73	4374.	556.2
2	1	74	4393.	557.8
2	1	75	4391.	564.5
2	2	1	6400.	588.4
2	3	1	6385.	585.7
2	4	1	6370.	582.0
2	5	1	6350.	578.4
2	6	1	6335.	574.5
2	7	1	6325.	571.8
2	8	1	6305.	569.9
2	9	1	6300	10.0
2	10	1	6295	10.0
2	11	1	6290.	572.0
2	12	1	6275.	579.5
2	13	1	6260.	590.7
2	14	1	6245.	602.3
2	15	1	6230.	611.6
2	16	1	6215.	579.5
2	17	1	6200.	522.6
2	18	1	6235.	526.4
2	19	1	6270.	541.3
2	20	1	6305.	557.7
2	21	1	6340.	583.9
2	22	1	6375.	605.4
2	23	1	6410.	627.1
2	24	1	6445.	645.7
2	25	1	6480.	672.9
2	26	1	6515.	686.2
2	27	1	6550.	683.2
2	28	1	6585.	669.1
2	29	1	6620.	653.2
2	30	1	6655.	645.3
2	31	1	6700.	631.1
2	32	1	6680.	630.9
2	33	1	6660.	622.1
2	34	1	6640.	622.0
2	35	1	6620.	650.0
2	36	1	6600.	661.6
2	37	1	6580.	663.9
2	38	1	6540.	668.4
2	39	1	6520.	671.2
2	40	1	6500.	687.8
2	41	1	6510.	678.4
2	42	1	6520.	676.5
2	43	1	6530.	673.2
2	44	1	6540.	671.1
2	45	1	6550.	670.0
2	46	1	6560.	669.1

APPENDIX E - General Head Boundaries

E-8

2	47	1	6570.	670.3
2	48	1	6580.	662.2
2	49	1	6590.	647.2
2	50	1	6600.	680.2
2	51	1	6650.	675.4
2	52	1	6600.	668.8
2	53	1	6525.	682.9
2	54	1	6450.	699.2
2	55	1	6375.	719.3
2	56	1	6300.	742.3
2	57	1	6225.	750.8
2	58	1	6200.	755.4
2	59	1	6167.	719.6
2	60	1	6133.	685.0
2	61	1	6100.	660.8
2	62	1	6066.	648.0
2	63	1	6033.	648.6
2	64	1	6000.	649.2
2	65	1	5967.	637.0
2	66	1	5933.	619.6
2	67	1	5900.	586.0
2	68	1	5867.	501.1
2	69	1	5833.	548.1
2	70	1	5800.	588.8
2	71	1	5780.	600.5
2	72	1	5760.	611.5
2	73	1	5740.	617.0
2	74	1	5720.	619.6
2	75	1	5700.	622.0
2	76	1	5680.	622.0
2	77	1	5660.	618.6
2	78	1	5640.	617.3
2	79	1	5620.	614.7
2	80	1	5600.	609.1
2	81	1	5550.	622.8
2	82	1	5500.	643.6
2	83	1	5450.	637.6
2	84	1	5400.	645.9
2	85	1	5385.	635.7
2	86	1	5370.	635.1
2	87	1	5355.	611.9
2	88	1	5340.	614.5
2	89	1	5325.	603.4
2	90	1	5310.	606.4
2	91	1	5295.	605.6
2	92	1	5280.	602.6
2	93	1	5265.	595.1
2	94	1	5250.	586.3

APPENDIX E - General Head Boundaries

2	95	1	5235.	574.5
2	96	1	5217.	548.0
2	97	1	5200.	525.8
2	98	1	5175.	505.6
2	99	1	5150.	501.4
2	100	1	5133.	526.2
2	101	1	5100.	549.6
2	102	1	5067.	573.2
2	103	1	5033.	594.6
2	104	1	5000.	632.1
2	105	1	4967.	634.3
2	106	1	4933.	634.0
2	107	1	4900.	641.2
2	108	1	4867.	637.5
2	109	1	4833.	638.9
2	110	1	4800.	624.7
2	111	1	4790.	618.1
2	112	1	4780.	646.6
2	113	1	4760.	677.5
2	114	1	4740.	700.5
2	115	1	4720.	727.8
2	116	1	4700.	751.1
2	117	1	4650.	780.5
2	118	1	4600.	814.7
2	119	1	4500.	833.9
2	120	1	4400.	837.7
2	120	2	4375.	827.4
2	120	3	4350.	770.5
2	120	4	4300.	670.3
2	120	5	4275.	569.7
2	120	6	4250.	496.3
2	120	7	4225.	461.6
2	120	8	4200.	465.2
2	120	9	4167.	463.5
2	120	10	4133.	465.7
2	120	11	4100.	501.3
2	120	12	4050.	579.2
2	120	13	4000.	651.8
2	120	14	4050.	703.0
2	120	15	4100.	722.9
2	120	16	4150.	744.2
2	120	17	4200.	749.7
2	120	18	4250.	750.0
2	120	19	4300.	743.3
2	120	20	4360.	728.5
2	120	21	4420.	705.4
2	120	22	4480.	675.0
2	120	23	4540.	687.0

2	120	24	4600.	712.2
2	120	25	4800.	725.6
2	120	26	5000.	753.6
2	120	27	5200.	751.9
2	120	28	5400.	720.2
2	120	29	5600.	658.6
2	120	30	5800.	523.7
2	120	31	6000.	483.1
2	120	32	5800.	470.5
2	120	33	5600.	519.3
2	120	34	5550.	609.6
2	120	35	5500.	646.5
2	120	36	5450.	668.3
2	120	37	5400.	678.1
2	120	38	5350.	676.5
2	120	39	5300.	679.7
2	120	40	5250.	698.0
2	120	41	5200.	737.2
2	120	42	5250.	757.5
2	120	43	5300.	773.9
2	120	44	5350.	771.7
2	120	45	5400.	760.3
2	120	46	5450.	729.0
2	120	47	5500.	698.8
2	120	48	5550.	649.6
2	120	49	5600.	555.4
2	120	50	5800.	529.4
2	120	51	6000.	548.2
2	120	52	5904.	555.1
2	120	53	5895.	566.2
2	120	54	5876.	579.4
2	120	55	5851.	592.5
2	120	56	5823.	603.1
2	120	57	5771.	624.0
2	120	58	5733.	631.5
2	120	59	5692.	632.0
2	120	60	5622.	625.7
2	120	61	5522.	624.0
2	120	62	5447.	610.8
2	120	63	5427.	580.1
2	120	64	5374.	575.2
2	120	65	5319.	579.4
2	120	66	5271.	585.3
2	120	67	5237.	588.3
2	120	68	5219.	587.2
2	120	69	5201.	586.5
2	120	70	5210.	581.9
2	120	71	5220.	577.7

2	120	72	5230.	550.8
2	120	73	5240.	547.7
2	120	74	5250.	544.7
2	120	75	5250.	542.7
2	120	76	5260.	542.2
2	120	77	5270.	543.7
2	120	78	5280.	546.7
2	120	79	5290.	551.1
2	120	80	5300.	557.4
2	120	81	5310.	560.7
2	120	82	5320.	567.1
2	120	83	5330.	574.5
2	120	84	5340.	581.1
2	120	85	5350.	587.4
2	120	86	5360.	592.9
2	120	87	5370.	597.9
2	120	88	5380.	601.7
2	120	89	5390.	603.9
2	120	90	5400.	605.0
2	2	60	4268.	233.5
2	2	61	4267.	101.9
2	2	76	4404.	566.8
2	3	75	4406.	510.6
2	4	75	4408.	452.3
2	5	74	4410.	425.9
2	6	73	4412.	398.5
2	7	73	4414.	389.2
2	8	74	4416.	398.2
2	9	75	4418.	427.7
2	10	76	4420.	457.5
2	11	76	4422.	452.8
2	12	77	4424.	487.6
2	13	77	4426.	479.7
2	14	78	4428.	509.8
2	15	78	4430.	513.3
2	16	78	4432.	517.3
2	17	79	4434.	531.7
2	18	80	4436.	552.0
2	19	76	4438.	565.6
2	19	77	4440.	530.5
2	19	78	4442.	519.2
2	19	79	4444.	526.8
2	20	75	4446.	574.1
2	21	75	4448.	573.4
2	22	72	4450.	507.7
2	22	73	4452.	546.6
2	22	74	4454.	570.8
2	23	70	4458.	403.8

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96	100	100	100
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100	100	100	100

2	23	71	4460.	462.5
2	24	69	4462.	389.4
2	25	68	4464.	277.1
2	26	68	4466.	294.7
2	27	68	4468.	311.2
2	28	68	4470.	333.8
2	29	68	4472.	351.8
2	29	70	4474.	342.4
2	30	68	4476.	375.1
2	30	70	4478.	355.9
2	31	69	4480.	433.6
2	31	70	4482.	379.5
2	32	71	4484.	446.5
2	33	70	4486.	448.6
2	34	69	4488.	438.7
2	35	68	4490.	450.7
2	36	68	4492.	460.6
2	37	69	4494.	469.8
2	38	70	4496.	482.0
2	39	70	4498.	438.5
2	40	69	4500.	363.5
2	41	68	4502.	459.6
2	42	67	4504.	648.6
2	43	68	4506.	577.5
2	43	69	4508.	329.1
2	44	69	4510.	504.0
2	45	70	4512.	478.9
2	46	70	4514.	628.9
2	47	70	4516.	720.1
2	48	71	4518.	734.5
2	49	72	4520.	739.1
2	50	73	4522.	746.2
2	51	73	4524.	741.2
2	52	74	4526.	725.5
2	53	74	4528.	724.5
2	54	74	4530.	723.5
2	55	74	4532.	721.8
2	56	74	4534.	746.5
2	57	74	4536.	750.0
2	58	74	4538.	739.3
2	59	74	4540.	753.6
2	60	74	4542.	777.3
2	61	75	4544.	791.7
2	62	75	4546.	794.6
2	63	74	4548.	884.5
2	64	75	4550.	865.4
2	65	75	4552.	893.0
2	66	76	4554.	880.5

2	67	77	4556.	889.1
2	67	78	4558.	885.2
2	67	79	4560.	867.9
2	68	80	4562.	908.6
2	68	81	4564.	844.4
2	69	81	4566.	802.0
2	70	81	4568.	753.2
2	71	81	4570.	706.1
2	72	80	4580.	824.5
2	73	80	4590.	803.4
2	74	80	4600.	790.3
2	75	80	4620.	781.2
2	76	80	4640.	767.0
2	77	80	4660.	748.2
2	78	80	4680.	761.0
2	79	80	4700.	747.6
2	80	80	4720.	744.5
2	81	81	4740.	678.9
2	81	82	4760.	640.6
2	82	82	4780.	640.1
2	83	82	4800.	633.9
2	84	82	4850.	633.7
2	85	83	5000.	640.4
2	86	83	5000.	647.5
2	87	83	5000.	639.9
2	88	80	5000.	669.5
2	88	81	5000.	665.2
2	88	82	5000.	644.1
2	89	79	5000.	668.9
2	90	77	5000.	652.9
2	90	78	5000.	695.9
2	91	76	5000.	603.3
2	92	76	5000.	602.6
2	93	76	5000.	599.5
2	94	77	5050.	620.2
2	95	78	5100.	630.6
2	96	79	5095.	637.1
2	96	80	5090.	677.3
2	97	80	5085.	673.5
2	98	81	5080.	677.1
2	99	82	5075.	649.6
2	99	83	5070.	648.2
2	99	84	5065.	639.4
2	99	85	5060.	639.3
2	99	86	5055.	628.3
2	99	88	5066.	658.2
2	99	89	5100.	646.1
2	99	90	5133.	617.9

2	99	91	5166.	607.9
2	99	92	5200.	609.9
2	99	93	5250.	613.8
2	99	94	5300.	620.3
2	99	95	5350.	623.9
2	99	96	5400.	625.9
2	100	87	5050.	649.0
2	100	96	5400.	623.1
2	101	96	5400.	622.6
2	102	95	5400.	606.9
2	103	95	5400.	604.7
2	104	95	5400.	596.4
2	105	96	5400.	596.1
2	106	95	5400.	594.6
2	107	95	5400.	597.3
2	108	95	5400.	597.8
2	109	95	5400.	598.0
2	110	95	5400.	599.9
2	111	94	5400.	599.7
2	112	94	5400.	609.0
2	113	93	5400.	597.9
2	114	93	5400.	605.8
2	115	93	5400.	606.0
2	116	92	5400.	602.4
2	117	92	5400.	601.9
2	118	91	5400.	601.7
2	119	91	5400.	602.6
2	2	17	6250.	588.3
2	2	22	5975.	668.5
2	2	23	5950.	696.1
2	2	24	5925.	723.8
2	2	25	5900.	739.7
2	2	26	5875.	729.2
2	3	18	6200.	601.8
2	3	21	6192.	654.9
2	4	19	6150.	646.0
2	4	20	6000.	657.8

APPENDIX F

MODELED STEADY-STATE HEADS WITHOUT PUMPING

-999.0	-999.0	-999.0	6030.	5974.	5944.	5934.	5949.	5966.	6010.	ROW 0 1
6036.	6053.	6069.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5553.	5597.	5561.	5538.	5527.	5520.	5515.	5512.	5492.	-999.0	
-999.0	-999.0	-999.0	4915.	4724.	4548.	4458.	4361.	4340.	4322.	
4308.	4300.	4293.	4286.	4280.	4274.	4268.	4264.	4260.	-999.0	
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4328.	4333.	4339.	4344.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	6056.	5995.	5971.	5962.	5963.	5982.	5996.	6021.	ROW 0 2
-999.0	-999.0	-999.0	6075.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5620.	5740.	5748.	-999.0	-999.0	-999.0	5791.	5786.	-999.0	
5696.	-999.0	5602.	5583.	5572.	5563.	5554.	5548.	5542.	-999.0	
-999.0	-999.0	-999.0	-999.0	4639.	4484.	4406.	4338.	4321.	4308.	
4297.	4288.	4280.	4273.	4266.	4259.	4251.	4242.	4234.	4257.	
4193.	4186.	4184.	4193.	4218.	4271.	4288.	4300.	4308.	4315.	
4321.	4326.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	6054.	5991.	5975.	5973.	5979.	5998.	6011.	6031.	ROW 0 3
-999.0	-999.0	-999.0	6078.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5630.	5804.	5828.	5824.	5828.	5819.	5807.	5793.	5782.	5763.	
5733.	5696.	5633.	5619.	5611.	5600.	5586.	5576.	5566.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4460.	4384.	4328.	4313.	4301.	
4291.	4281.	4273.	4266.	4259.	4253.	4246.	4240.	4234.	4261.	
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4320.	4324.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	6044.	5991.	5982.	5983.	5990.	6008.	6022.	6042.	ROW 0 4
-999.0	-999.0	-999.0	6084.	-999.0	-999.0	6109.	-999.0	-999.0	-999.0	
-999.0	5875.	5855.	5838.	5830.	5821.	5810.	5799.	5783.	5767.	
5744.	5711.	5667.	5652.	5641.	5627.	5610.	5600.	5584.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4458.	4378.	4332.	4312.	4299.	
4289.	4279.	4271.	4264.	4258.	4253.	4247.	4244.	4263.	4269.	
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4321.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	6035.	5992.	5987.	5990.	5999.	6016.	6032.	6063.	ROW 0 5
-999.0	-999.0	-999.0	6091.	6093.	6089.	6089.	-999.0	-999.0	-999.0	
-999.0	5890.	5863.	5840.	5831.	5822.	5812.	5800.	5787.	5771.	
5751.	5725.	5693.	5676.	5663.	5649.	5630.	5621.	5598.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4457.	4376.	4335.	4316.	4302.	
4291.	4281.	4273.	4267.	4262.	4257.	4253.	4251.	4274.	-999.0	
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4324.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5999.	5992.	5992.	5997.	6010.	6022.	6046.	6082.	ROW 0 6
-999.0	-999.0	-999.0	6093.	6082.	6078.	6075.	-999.0	-999.0	-999.0	
-999.0	-999.0	5859.	5840.	5831.	5823.	5814.	5803.	5791.	5775.	
5757.	5735.	5711.	5692.	5679.	5666.	5648.	5645.	5641.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4455.	4376.	4342.	4327.	4309.	
4296.	4286.	4278.	4273.	4269.	4267.	4267.	4281.	4290.	-999.0	
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4326.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6054.	6003.	5995.	5996.	6002.	6017.	6028.	6053.	6090.	ROW 0 7
-999.0	-999.0	6126.	6095.	6077.	6072.	6067.	-999.0	-999.0	-999.0	
-999.0	-999.0	5859.	5840.	5832.	5824.	5816.	5806.	5795.	5781.	
5764.	5745.	5724.	5705.	5691.	5678.	5662.	5657.	5650.	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6049.	6004.	5999.	6000.	6007.	6022.	6033.	6052.	-999.0	ROW 0 8
-999.0	-999.0	6110.	6080.	6071.	6065.	6059.	-999.0	-999.0	-999.0	
-999.0	-999.0	5856.	5840.	5833.	5826.	5818.	5809.	5799.	5788.	
5774.	5759.	5743.	5725.	5702.	5690.	5676.	5657.	5646.	5587.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4371.	4359.	4347.	4333.	
4315.	4305.	4299.	4298.	4301.	4303.	4306.	4313.	4314.	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6038.	6006.	6003.	6005.	6013.	6027.	6038.	6055.	-999.0	ROW 0 9
-999.0	-999.0	6093.	6071.	6064.	6059.	6053.	-999.0	-999.0	-999.0	
-999.0	5879.	5852.	5842.	5834.	5827.	5820.	5813.	5802.	-999.0	
5780.	5771.	5757.	5743.	5725.	5700.	5684.	5655.	5600.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4378.	4369.	4358.	4345.	
4327.	4318.	4315.	4317.	4318.	4319.	4320.	4324.	4325.	4327.	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6016.	6010.	6008.	6011.	6020.	6033.	6042.	-999.0	-999.0	ROW 0 10
-999.0	-999.0	6071.	6061.	6057.	6052.	6046.	-999.0	-999.0	-999.0	
-999.0	5871.	5850.	5842.	5835.	5829.	5822.	5816.	-999.0	-999.0	
5788.	5784.	-999.0	-999.0	5747.	-999.0	-999.0	5643.	5582.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4426.	4389.	4379.	4368.	4355.	
4340.	4334.	4334.	4333.	4333.	4333.	4332.	4335.	4334.	4336.	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
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6087.	6027.	6018.	6016.	6020.	6032.	6040.	6047.	-999.0	-999.0	ROW 0 11
-999.0	6097.	6063.	6046.	6048.	6046.	6037.	-999.0	-999.0	-999.0	
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4354.	4353.	4351.	4349.	4347.	4346.	4346.	4345.	4344.	4344.	
-999.0	-999.0	-999.0	4332.	4334.	4338.	4340.	4342.	4346.	4349.	
4354.	4357.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6072.	6040.	6027.	6024.	6029.	6041.	6047.	-999.0	-999.0	-999.0	ROW 0 12
-999.0	6095.	6056.	6038.	6041.	6041.	-999.0	-999.0	-999.0	5939.	
5891.	5858.	5847.	5840.	5834.	5828.	5823.	5815.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	4493.	4419.	4408.	4398.	4387.	4375.	
4372.	4369.	4366.	4364.	4362.	4360.	4357.	4355.	4352.	4351.	
-999.0	-999.0	-999.0	4339.	4342.	4345.	4346.	4348.	4351.	4354.	
4358.	4362.	4366.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6077.	6048.	6035.	6033.	6042.	6050.	6055.	-999.0	-999.0	-999.0	ROW 0 13
-999.0	6096.	6052.	6032.	6034.	6036.	-999.0	-999.0	-999.0	-999.0	
5874.	5855.	5845.	5837.	5831.	5826.	5821.	5816.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	4477.	4428.	4418.	4407.	4394.	4391.	
4387.	4383.	4379.	4376.	4374.	4371.	4367.	4364.	4361.	4361.	
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4362.	4365.	4369.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

6080.	6054.	6042.	6040.	6050.	6057.	6062.	6078.	-999.0	-999.0	ROW 0 14
-999.0	6103.	6053.	6027.	6028.	-999.0	6002.	-999.0	-999.0	-999.0	
5867.	5850.	5839.	5833.	5828.	5824.	5818.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	4460.	4439.	4427.	4417.	4405.	4404.	
4400.	4396.	4391.	4388.	4384.	4379.	4374.	4371.	4369.	4368.	
4369.	-999.0	-999.0	-999.0	4356.	4356.	4357.	4359.	4361.	4363.	
4366.	4368.	4372.	4377.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6083.	6059.	6046.	6044.	6054.	6062.	6067.	6077.	-999.0	-999.0	ROW 0 15
-999.0	6117.	6073.	6017.	6019.	6005.	5992.	-999.0	-999.0	5877.	
5861.	5844.	5833.	5826.	5823.	5817.	5815.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	4463.	4448.	4436.	4425.	4421.	4416.	
4412.	4408.	4403.	4399.	4393.	-999.0	-999.0	4377.	4375.	4373.	
4373.	-999.0	-999.0	-999.0	4361.	4361.	4361.	4363.	4365.	4367.	
4369.	4372.	4375.	4379.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6085.	6062.	6050.	6047.	6052.	6065.	6072.	6078.	-999.0	-999.0	ROW 0 16
-999.0	6128.	6109.	-999.0	5998.	5992.	5977.	-999.0	-999.0	5865.	
5848.	5833.	5822.	5815.	5810.	5807.	5812.	5814.	5816.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	4520.	4471.	4458.	4445.	4440.	4434.	4429.	
4424.	4418.	4415.	4408.	-999.0	-999.0	-999.0	-999.0	4381.	4378.	
4377.	4378.	-999.0	-999.0	4365.	4364.	4365.	4366.	4368.	4370.	
4372.	4375.	4378.	4383.	4388.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6094.	6066.	6053.	6050.	6054.	6068.	6076.	6082.	-999.0	-999.0	ROW 0 17
-999.0	-999.0	6127.	-999.0	5925.	-999.0	5964.	-999.0	-999.0	5850.	
5836.	5823.	5812.	5798.	5790.	5785.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	5739.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	4506.	4480.	4469.	4464.	4456.	4448.	4440.	
4434.	4430.	4426.	-999.0	-999.0	-999.0	-999.0	-999.0	4386.	4383.	
4380.	4377.	-999.0	-999.0	4369.	4368.	4368.	4369.	4371.	4374.	
4375.	4377.	4382.	4387.	4391.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6118.	6075.	6058.	6053.	6058.	6072.	6081.	6086.	6094.	-999.0	ROW 0 18
-999.0	-999.0	6133.	-999.0	5919.	5932.	-999.0	-999.0	-999.0	5838.	
5826.	5816.	-999.0	5776.	5768.	5764.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5722.	5710.	5657.	5457.	5235.	-999.0	-999.0	-999.0	
-999.0	4649.	4556.	4517.	4499.	4492.	4483.	4472.	4462.	4455.	
4447.	4440.	4434.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4386.	
4381.	4375.	-999.0	4371.	4372.	-999.0	-999.0	4374.	4376.	4377.	
4379.	4381.	-999.0	-999.0	4396.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
-999.0	-999.0	6066.	6057.	6062.	6077.	6086.	6092.	6097.	-999.0	ROW 0 19
-999.0	-999.0	-999.0	-999.0	5960.	5886.	-999.0	-999.0	-999.0	5831.	
5816.	-999.0	-999.0	5757.	5747.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	5251.	5040.	4963.	4919.	4829.	
4709.	4610.	4562.	4535.	4523.	4512.	4502.	4489.	4476.	4467.	
4460.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4378.	4356.	4351.	4364.	4369.	-999.0	-999.0	-999.0	4381.	4383.	
4385.	-999.0	-999.0	4400.	4404.	4402.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
-999.0	-999.0	-999.0	6057.	6066.	6082.	6092.	6098.	6104.	6126.	ROW 0 20
-999.0	-999.0	-999.0	-999.0	5974.	5888.	5886.	5871.	-999.0	-999.0	
5799.	-999.0	-999.0	5738.	5724.	5700.	5670.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4909.	4856.	4776.	
4674.	4622.	4583.	4553.	4541.	4530.	4520.	4507.	-999.0	-999.0	

-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4432.	-999.0	-999.0	-999.0	
-999.0	4264.	4274.	4338.	4357.	-999.0	-999.0	-999.0	-999.0	-999.0	
4392.	4397.	4402.	4408.	4432.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	6059.	6072.	6087.	6098.	6104.	6109.	-999.0
-999.0	-999.0	-999.0	-999.0	5988.	5922.	5853.	5846.	5834.	5834.	ROW 0 21
5780.	-999.0	-999.0	-999.0	-999.0	-999.0	5627.	5596.	5560.	5551.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4818.	4753.	
4671.	4630.	4597.	4567.	4555.	4544.	4535.	4521.	4516.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4434.	-999.0	-999.0	-999.0	
-999.0	4261.	4276.	4295.	4333.	4360.	-999.0	-999.0	-999.0	-999.0	
4399.	4405.	4410.	4416.	4424.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	6083.	6091.	6105.	6112.	6117.	6137.	ROW 0 22
-999.0	-999.0	-999.0	-999.0	5996.	5929.	5854.	5829.	5808.	-999.0	
5753.	5739.	-999.0	-999.0	-999.0	-999.0	5598.	5577.	5544.	5518.	
-999.0	5398.	5362.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4729.	
4671.	4637.	4606.	4578.	4567.	4556.	4546.	4532.	-999.0	-999.0	
-999.0	-999.0	4479.	-999.0	4456.	4448.	4439.	-999.0	4404.	4381.	
4342.	4296.	4287.	4299.	4332.	4352.	4374.	-999.0	-999.0	4404.	
4411.	4432.	4422.	4424.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	6097.	6101.	6114.	6121.	6125.	-999.0	ROW 0 23
-999.0	-999.0	-999.0	-999.0	5998.	5929.	5845.	5807.	5781.	5751.	
5731.	5715.	-999.0	-999.0	-999.0	5596.	5576.	5547.	5514.	5480.	
5424.	5370.	5308.	5237.	-999.0	-999.0	-999.0	-999.0	-999.0	4709.	
4676.	4643.	4614.	4587.	4576.	4565.	4554.	4540.	-999.0	-999.0	
-999.0	-999.0	4482.	4474.	4463.	4452.	4441.	4426.	4404.	4375.	
4347.	4307.	4296.	4305.	4333.	4351.	4369.	-999.0	-999.0	-999.0	
4435.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	6120.	6116.	6124.	6131.	6135.	-999.0	ROW 0 24
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5843.	5778.	5756.	5730.	
5707.	5685.	5663.	-999.0	-999.0	5573.	5549.	5520.	5494.	-999.0	
5385.	5337.	5282.	-999.0	-999.0	-999.0	-999.0	-999.0	4782.	4713.	
4678.	4647.	4619.	4592.	4583.	4574.	4559.	4545.	4537.	-999.0	
-999.0	-999.0	-999.0	4477.	4468.	4457.	4444.	4425.	4400.	4380.	
4352.	4314.	4302.	4309.	4336.	4354.	4367.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	6174.	6139.	6129.	6132.	6142.	6148.	-999.0	ROW 0 25
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5747.	5728.	5705.	
5683.	5660.	5637.	5608.	5580.	5553.	5525.	5497.	-999.0	-999.0	
5359.	5313.	5252.	5181.	5117.	-999.0	-999.0	4847.	4766.	4717.	
4679.	4647.	4620.	4595.	4587.	4579.	4565.	4551.	4542.	-999.0	
-999.0	-999.0	-999.0	-999.0	4472.	4462.	4445.	4423.	4405.	4384.	
4355.	4318.	4306.	4312.	4339.	4357.	4370.	4390.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	6185.	6155.	6144.	6155.	6163.	6186.	ROW 0 26
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5718.	5699.	5678.	
5656.	5634.	5612.	5589.	5563.	5534.	5505.	5477.	-999.0	-999.0	
5349.	-999.0	-999.0	-999.0	5084.	5030.	-999.0	4834.	4755.	4713.	
4676.	4644.	4614.	4594.	4587.	4582.	4570.	4558.	4551.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4465.	4449.	4425.	4409.	4387.	
4359.	4321.	4309.	4314.	4338.	4358.	4373.	4383.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

-999.0	-999.0	-999.0	6188.	6172.	6159.	6159.	6170.	6178.	6196.	ROW 0 27
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5694.	5669.	5648.	
5626.	5605.	5585.	5565.	5545.	5522.	5495.	5463.	-999.0	-999.0	
5334.	-999.0	-999.0	-999.0	-999.0	5006.	-999.0	4814.	4744.	4706.	
4671.	4641.	4610.	4590.	4580.	4583.	-999.0	4561.	4556.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4451.	4429.	4412.	4389.	
4360.	4324.	4311.	4313.	4330.	4358.	4375.	4384.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	6196.	6185.	6173.	6174.	6185.	6192.	-999.0	ROW 0 28
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5677.	5635.	5613.	
5591.	5570.	5552.	5536.	5523.	5509.	-999.0	5440.	-999.0	-999.0	
5321.	-999.0	-999.0	-999.0	-999.0	4987.	-999.0	4782.	4738.	4698.	
4665.	4636.	4607.	4587.	4575.	4580.	-999.0	4566.	-999.0	4561.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4455.	4432.	4413.	4389.	
4358.	4325.	4313.	4315.	4330.	4360.	4377.	4390.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6382.	6266.	6206.	6193.	6186.	6189.	6201.	6210.	6242.	ROW 0 29
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5665.	5599.	5571.	
5547.	5527.	5510.	5497.	5486.	5474.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4963.	4878.	4776.	4730.	4691.	
4658.	4627.	4601.	4583.	4571.	4551.	-999.0	4569.	-999.0	4564.	
4567.	-999.0	-999.0	-999.0	-999.0	-999.0	4461.	4434.	4414.	4384.	
4347.	4325.	4317.	4319.	4334.	4365.	4383.	4396.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6344.	6240.	6214.	6204.	6200.	6204.	6217.	6226.	6253.	ROW 0 30
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5552.	5511.	
5486.	5468.	5453.	5442.	5435.	5425.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4966.	-999.0	4760.	4720.	4681.	
4647.	4620.	4597.	4580.	4567.	4558.	4571.	4570.	-999.0	-999.0	
4561.	4562.	-999.0	-999.0	-999.0	-999.0	4467.	4439.	4415.	4374.	
4346.	4329.	4323.	4326.	4341.	4372.	4390.	4403.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	6232.	6222.	6217.	6216.	6222.	6234.	6242.	6261.	ROW 0 31
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5459.	5424.	
5406.	5391.	5379.	5373.	5377.	5374.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4963.	-999.0	4750.	4707.	4673.	
4642.	4616.	4595.	4579.	4566.	4560.	4564.	4565.	4562.	-999.0	
-999.0	4559.	-999.0	-999.0	-999.0	-999.0	4477.	4447.	4423.	4382.	
4354.	4339.	4333.	4336.	4351.	4382.	4399.	4413.	4438.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6307.	6243.	6235.	6232.	6235.	6245.	6252.	6258.	-999.0	ROW 0 32
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5448.	5358.	
5337.	5324.	5316.	5314.	5323.	5327.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4754.	4716.	4680.	
4645.	4618.	4596.	4579.	4567.	4559.	4558.	4563.	4560.	-999.0	
-999.0	4559.	4562.	-999.0	-999.0	4513.	4492.	4459.	4438.	4408.	
4371.	4353.	4347.	4349.	4363.	4393.	4409.	4423.	4444.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6305.	6255.	6250.	6250.	6257.	6264.	6269.	6274.	-999.0	ROW 0 33
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5426.	5305.	
5280.	5267.	5261.	5262.	5274.	5278.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4856.	4768.	4722.	4686.	
4654.	4622.	4599.	4582.	4569.	4561.	4558.	4564.	4568.	4570.	

-999.0	4563.	4566.	-999.0	-999.0	4523.	4510.	4484.	4453.	4429.	
4393.	4374.	4366.	4367.	4379.	4407.	4421.	4435.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6324.	6270.	6265.	6269.	6274.	6279.	6284.	6289.	6297.	ROW 0 34
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5413.	5266.	
5233.	5221.	5216.	5220.	5235.	5241.	5265.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4879.	4799.	4722.	4689.	
4659.	4627.	4604.	4586.	4573.	4564.	4560.	4562.	4571.	4577.	
4576.	4572.	4572.	-999.0	-999.0	4534.	4525.	4504.	4470.	4452.	
4429.	4403.	4393.	4390.	4398.	4423.	4436.	4448.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	6289.	6278.	6276.	6283.	6289.	6295.	6299.	6304.	ROW 0 35
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5213.	
5190.	5183.	5180.	5186.	5203.	5210.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4721.	4691.	
4664.	4634.	4610.	4592.	4579.	4570.	4566.	4568.	4579.	4585.	
4585.	4582.	-999.0	-999.0	-999.0	-999.0	4540.	4523.	4500.	4471.	
4458.	4443.	4432.	4418.	4422.	4443.	4453.	4470.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	6328.	6288.	6281.	6285.	6296.	6304.	6308.	6311.	ROW 0 36
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5193.	
5164.	5157.	5155.	5160.	5178.	5188.	5191.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4689.	
4670.	4646.	4620.	4600.	4586.	4577.	4573.	4576.	4587.	4593.	
4596.	4594.	4596.	-999.0	4582.	4571.	4559.	-999.0	4521.	4501.	
4479.	4472.	4463.	4449.	4449.	4465.	4472.	4489.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6954.	-999.0	-999.0	6345.	-999.0	6289.	6300.	6312.	6317.	6319.	ROW 0 37
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5212.	
5156.	5145.	5141.	5144.	5155.	5172.	5184.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4694.	
4675.	4655.	4634.	4610.	4595.	4586.	4583.	4585.	4597.	4603.	
4607.	4606.	-999.0	4606.	4595.	-999.0	-999.0	-999.0	-999.0	-999.0	
4512.	4498.	4492.	4487.	4487.	4491.	4493.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6904.	-999.0	-999.0	-999.0	-999.0	-999.0	6313.	6324.	6327.	-999.0	ROW 0 38
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5314.	
5167.	5147.	5139.	5139.	5147.	5161.	5183.	5207.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4717.	
4677.	4662.	4644.	4620.	4605.	4596.	4593.	4596.	4608.	4613.	
4616.	4617.	-999.0	4619.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4534.	4520.	4516.	4514.	4513.	4513.	4514.	4529.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6624.	6562.	-999.0	-999.0	-999.0	-999.0	6330.	6338.	6340.	-999.0	ROW 0 39
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5194.	5162.	5150.	5147.	5152.	5166.	5186.	5214.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4680.	4668.	4652.	4630.	4616.	4608.	4605.	4608.	4619.	4624.	
4625.	4629.	-999.0	4637.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	4537.	4536.	4535.	4534.	4533.	4532.	4539.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

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-999.0	6518.	6541.	-999.0	-999.0	-999.0	6352.	6358.	6358.	-999.0	ROW 0 40
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5275.	5188.	5172.	5165.	5169.	5185.	5211.	5235.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4686.	4675.	4661.	4640.	4627.	4620.	4618.	4621.	4632.	4635.	
4639.	4642.	4651.	4656.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	4563.	4555.	4553.	4552.	4551.	4550.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6502.	6509.	6522.	-999.0	6419.	6382.	6380.	6378.	-999.0	ROW 0 41
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5314.	5235.	5203.	5191.	5195.	5212.	5240.	5267.	5358.	-999.0	
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4707.	4684.	4672.	4652.	4641.	4634.	4633.	4637.	4646.	4648.	
-999.0	-999.0	4666.	4672.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	4583.	4572.	4569.	4568.	4567.	4569.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6498.	6496.	6502.	-999.0	6436.	6419.	6414.	6412.	-999.0	ROW 0 42
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5726.	
5435.	5268.	5235.	5222.	5226.	5249.	5270.	5294.	5375.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4744.	4697.	4685.	4667.	4656.	4651.	4651.	4659.	4663.	4666.	
-999.0	-999.0	4680.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	4600.	4587.	4583.	4582.	4581.	4583.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	6491.	6476.	6455.	6446.	6443.	6442.	-999.0	ROW 0 43
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5506.	5306.	5266.	5254.	5259.	5279.	5296.	5312.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4781.	4717.	4702.	4683.	4673.	4669.	4671.	4678.	4681.	-999.0	
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4630.	4615.	4599.	4595.	4593.	4592.	4591.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	6493.	6482.	6471.	6466.	6468.	6470.	-999.0	ROW 0 44
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5580.	5342.	5299.	5287.	5297.	5308.	5319.	5333.	-999.0	-999.0	
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-999.0	4738.	4722.	4703.	4692.	4689.	4695.	4698.	4702.	4711.	
4717.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	4614.	4604.	4602.	4599.	4595.	4604.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	6501.	6496.	6481.	6479.	6491.	6500.	6557.	ROW 0 45
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5368.	5330.	5318.	5327.	5334.	5340.	5370.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	4763.	4745.	4724.	4713.	4710.	4715.	4717.	4719.	4725.	
4731.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	4622.	4608.	4602.	4587.	4599.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	6514.	-999.0	6499.	6514.	6525.	6569.	ROW 0 46
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5403.	5365.	5349.	5352.	5356.	5355.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	4789.	4768.	4745.	4733.	4733.	4734.	4735.	4735.	4739.	

4744.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	4639.	4617.	4607.	4592.	4598.	4612.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6525.	6533.	6548.	6575.	ROW 0 47
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5446.	5410.	5380.	5371.	5378.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	4814.	4789.	4765.	4750.	4746.	4750.	4752.	4755.	-999.0	
-999.0	-999.0	-999.0	4750.	4746.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	4659.	4641.	4615.	4607.	4592.	4605.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6559.	6558.	6565.	6587.	ROW 0 48
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5646.	5493.	5449.	5411.	5395.	5402.	5417.	5436.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5251.	5170.	5082.	4978.	
4889.	4844.	4808.	4783.	4767.	4760.	4765.	4768.	-999.0	-999.0	
-999.0	-999.0	-999.0	4755.	4753.	4753.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	4677.	4668.	-999.0	4620.	4611.	4563.	4619.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6587.	6587.	6588.	6604.	ROW 0 49
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5687.	5529.	5480.	5436.	5415.	5418.	5427.	5442.	5460.	-999.0	
-999.0	-999.0	-999.0	5367.	5321.	5272.	5212.	5136.	5044.	4953.	
4904.	4864.	4831.	4800.	4782.	4773.	4776.	4780.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	4762.	4760.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4637.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6612.	6613.	6612.	6620.	ROW 0 50
6666.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5700.	5548.	5502.	5456.	5432.	5426.	5437.	-999.0	-999.0	-999.0	
5460.	5427.	5390.	5350.	5298.	5241.	5178.	5096.	5009.	4956.	
4913.	4878.	4847.	4815.	4795.	4784.	4781.	4786.	-999.0	4801.	
-999.0	-999.0	-999.0	-999.0	4773.	4770.	4770.	-999.0	4769.	4773.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4678.	-999.0	-999.0	-999.0	
4633.	4597.	4473.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6632.	6637.	6641.	6646.	ROW 0 51
6671.	-999.0	6771.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5705.	5559.	5510.	5472.	5449.	5441.	5452.	-999.0	-999.0	5467.	
5440.	5409.	5372.	5331.	5280.	5220.	5145.	5056.	5005.	4958.	
4920.	4889.	4859.	4828.	4807.	4795.	4788.	4786.	4801.	4806.	
-999.0	-999.0	-999.0	-999.0	4787.	4783.	4779.	-999.0	4777.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4639.	4601.	4481.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6205.	6336.	-999.0	-999.0	-999.0	-999.0	-999.0	6656.	6666.	6671.	ROW 0 52
6688.	6720.	6744.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5707.	5569.	5522.	5488.	5467.	5461.	5470.	-999.0	-999.0	5456.	
5429.	5397.	5356.	5309.	5259.	5201.	5128.	5045.	4999.	4958.	
4925.	4895.	4866.	4837.	4818.	4805.	4797.	4792.	4793.	4802.	
4806.	4812.	-999.0	-999.0	4804.	4800.	4793.	4790.	4787.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4686.	4676.	
4659.	-999.0	4587.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

6174.	6317.	6355.	-999.0	-999.0	-999.0	-999.0	-999.0	6694.	6698.	ROW 0 53
6705.	6729.	6750.	6776.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5699.	5578.	5535.	5505.	5489.	5486.	5496.	-999.0	-999.0	-999.0	
5419.	5391.	-999.0	5295.	5246.	5188.	5116.	5037.	4996.	4958.	
4926.	4897.	4868.	4845.	4829.	4817.	4808.	4801.	4797.	4798.	
4801.	4813.	4822.	4825.	4823.	4820.	4811.	4804.	4798.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4696.	4688.	
-999.0	-999.0	4589.	4476.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6143.	6287.	6336.	-999.0	-999.0	-999.0	-999.0	-999.0	6718.	6720.	ROW 0 54
6721.	6735.	6757.	6774.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5584.	5550.	5526.	5514.	5521.	5527.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	5238.	5184.	5114.	5035.	4993.	4956.	
4921.	4895.	4872.	4854.	4840.	4830.	4822.	4815.	4808.	4804.	
4805.	4812.	4827.	4831.	4831.	4830.	4828.	4822.	4813.	4815.	
4815.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4708.	4700.	
-999.0	-999.0	4592.	4478.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6110.	6244.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6740.	6740.	ROW 0 55
6739.	6748.	6767.	6782.	6798.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5600.	5570.	5549.	5541.	5551.	5557.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	5181.	5119.	5039.	4992.	4954.	
4921.	4898.	4880.	4865.	4854.	4845.	4839.	4839.	4823.	4816.	
4815.	4820.	4835.	4839.	4838.	4838.	4837.	4834.	4827.	4821.	
4817.	4815.	4811.	-999.0	-999.0	-999.0	-999.0	-999.0	4716.	4709.	
-999.0	-999.0	4597.	4480.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6079.	6216.	6249.	-999.0	-999.0	-999.0	-999.0	-999.0	6769.	6760.	ROW 0 56
6762.	6768.	6779.	6791.	6803.	6836.	-999.0	-999.0	-999.0	-999.0	
-999.0	5621.	5594.	5575.	5569.	5579.	5586.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	5184.	5137.	5061.	4991.	4948.	
4923.	4905.	4890.	4879.	4870.	4864.	4865.	4866.	4868.	4864.	
4860.	4856.	4848.	4848.	4845.	4846.	4845.	4844.	4840.	4830.	
4824.	4818.	4813.	4809.	-999.0	-999.0	-999.0	-999.0	4725.	4718.	
-999.0	-999.0	4600.	4482.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6049.	6189.	6220.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6777.	ROW 0 57
6779.	6783.	6791.	6800.	6809.	6824.	-999.0	-999.0	-999.0	-999.0	
-999.0	5645.	5622.	5605.	5597.	5605.	5616.	5642.	5662.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5154.	-999.0	5010.	4957.	
4931.	4915.	4904.	4895.	4889.	4890.	4902.	4898.	4897.	4892.	
4887.	4883.	-999.0	4872.	-999.0	4857.	4855.	4853.	4851.	4842.	
4832.	4825.	4816.	4810.	4805.	4802.	-999.0	-999.0	4733.	4724.	
-999.0	-999.0	-999.0	4476.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6793.	6795.	6801.	6808.	6815.	6824.	-999.0	-999.0	-999.0	6793.	ROW 0 58
-999.0	5672.	5657.	5639.	5621.	5620.	5635.	5652.	5669.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5100.	5049.	4993.	
4952.	4932.	4921.	4913.	4908.	4926.	4934.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	4893.	4886.	4871.	4865.	4862.	4859.	4855.	
4844.	4836.	-999.0	-999.0	4812.	-999.0	-999.0	-999.0	-999.0	4724.	
4717.	-999.0	4613.	4486.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5996.	6101.	6137.	6146.	-999.0	-999.0	-999.0	-999.0	-999.0	6805.	ROW 0 59
6804.	6806.	6810.	6816.	6822.	6827.	-999.0	-999.0	-999.0	-999.0	
-999.0	5693.	5681.	5663.	5642.	5635.	5646.	5658.	5673.	5709.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4997.	4965.	4946.	4937.	4933.	4953.	4955.	-999.0	-999.0	-999.0	

-999.0	-999.0	-999.0	4913.	4906.	4890.	4875.	4871.	4868.	4864.	
4855.	4845.	4842.	-999.0	4816.	-999.0	-999.0	-999.0	-999.0	-999.0	
4719.	-999.0	4617.	4487.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6039.	6077.	6092.	6097.	-999.0	-999.0	-999.0	-999.0	-999.0	6815.	ROW 0 60
6814.	6816.	6819.	6823.	6828.	6833.	-999.0	-999.0	-999.0	-999.0	
-999.0	5706.	5697.	5681.	5662.	5645.	5651.	5660.	5671.	5695.	
5745.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5047.	5000.	4986.	4976.	4963.	4974.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	4930.	4922.	-999.0	4885.	4879.	4874.	
4867.	4857.	4853.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4723.	4714.	-999.0	4480.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5992.	6042.	6059.	6068.	6070.	-999.0	-999.0	-999.0	-999.0	6826.	ROW 0 61
6822.	6824.	6827.	6831.	6835.	6842.	6872.	-999.0	-999.0	-999.0	
-999.0	-999.0	5706.	5691.	5672.	5649.	5646.	5657.	5667.	5684.	
5721.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5044.	5018.	5009.	5000.	4975.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	4956.	4949.	-999.0	4911.	4900.	4889.	
4880.	4870.	4863.	4864.	-999.0	-999.0	-999.0	4784.	4772.	4754.	
4733.	4718.	4707.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5957.	6001.	6020.	6030.	6032.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 62
6829.	6832.	6835.	6838.	6841.	6858.	6883.	-999.0	-999.0	-999.0	
-999.0	-999.0	5716.	5698.	5676.	5650.	5642.	5651.	5661.	5673.	
5705.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5046.	5038.	5028.	5015.	4995.	5016.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	4982.	-999.0	-999.0	4936.	4923.	4905.	
4893.	4883.	4876.	4881.	-999.0	-999.0	-999.0	-999.0	4778.	4758.	
4739.	4723.	4712.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5938.	5972.	5986.	5992.	5998.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 63
6840.	6840.	6843.	6846.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5731.	5705.	5676.	5646.	5635.	5638.	5651.	5663.	
5681.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5214.	-999.0	5086.	5065.	5054.	5044.	5041.	5035.	5035.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4961.	4949.	-999.0	
4903.	4898.	4892.	4896.	-999.0	-999.0	-999.0	4808.	4795.	-999.0	
4746.	4732.	4720.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5900.	5945.	5954.	5959.	5963.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 64
-999.0	6848.	6853.	6858.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5826.	5764.	5709.	5671.	5640.	5628.	5628.	5637.	5655.	
5669.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5361.	
5272.	5190.	5120.	5091.	5074.	5061.	5053.	5048.	5045.	5045.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4985.	4970.	-999.0	
-999.0	4915.	4908.	4908.	-999.0	-999.0	-999.0	-999.0	4805.	-999.0	
4759.	4743.	4728.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5868.	5911.	5921.	5928.	5932.	5932.	-999.0	-999.0	-999.0	-999.0	ROW 0 65
-999.0	6865.	6867.	6882.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5773.	5721.	5650.	5631.	5622.	5622.	5631.	5650.	
5663.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5321.	5233.	5143.	5113.	5091.	5073.	5059.	5048.	5053.	5055.	
5058.	5062.	-999.0	-999.0	-999.0	-999.0	-999.0	5016.	-999.0	-999.0	
4945.	4938.	4928.	4928.	-999.0	-999.0	-999.0	4834.	4816.	4798.	
4775.	4754.	4728.	4673.	4501.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

5836.	5875.	5887.	5897.	5904.	5909.	-999.0	-999.0	-999.0	-999.0	ROW 0 66
-999.0	6880.	6886.	6905.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5778.	5725.	5643.	5625.	5618.	5618.	5626.	5646.	
5661.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5367.	5271.	5168.	5135.	5107.	5081.	5060.	5052.	5059.	5064.	
5067.	5072.	-999.0	-999.0	-999.0	-999.0	-999.0	5045.	-999.0	-999.0	
-999.0	4951.	4945.	4938.	-999.0	-999.0	-999.0	4845.	4828.	4809.	
4789.	4767.	4743.	4701.	4636.	4500.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5806.	5835.	5853.	5866.	5876.	5884.	-999.0	-999.0	-999.0	-999.0	ROW 0 67
-999.0	-999.0	6903.	6921.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5780.	5727.	5642.	5623.	5615.	5615.	5623.	5643.	
5661.	5679.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5299.	5193.	5160.	5125.	5084.	5062.	5057.	5066.	5071.	
5076.	-999.0	-999.0	-999.0	-999.0	-999.0	5058.	5065.	-999.0	-999.0	
-999.0	4960.	4954.	4947.	-999.0	-999.0	-999.0	4858.	4839.	4821.	
4802.	4780.	4763.	-999.0	4693.	4656.	4620.	4567.	4550.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5778.	5801.	5821.	5837.	5850.	5861.	-999.0	-999.0	-999.0	-999.0	ROW 0 68
-999.0	-999.0	6915.	6932.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5783.	5731.	5643.	5621.	5613.	5613.	5619.	5633.	
5658.	5679.	-999.0	-999.0	-999.0	-999.0	-999.0	5716.	-999.0	-999.0	
-999.0	5331.	5221.	5188.	5156.	5085.	5059.	5059.	5074.	5080.	
5085.	-999.0	-999.0	5082.	5075.	5069.	5066.	5074.	-999.0	-999.0	
-999.0	4969.	4962.	4957.	-999.0	-999.0	-999.0	4877.	-999.0	4830.	
4818.	-999.0	-999.0	-999.0	4727.	4708.	4685.	4658.	4619.	4567.	
4553.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5756.	5774.	5792.	5809.	5826.	5844.	-999.0	-999.0	-999.0	-999.0	ROW 0 69
-999.0	-999.0	-999.0	6938.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5788.	5744.	5650.	5620.	5613.	5612.	5617.	5628.	
5655.	5686.	-999.0	-999.0	-999.0	-999.0	5762.	5726.	-999.0	-999.0	
-999.0	-999.0	5247.	5214.	5176.	5113.	5074.	5061.	5088.	5093.	
5099.	-999.0	-999.0	5090.	5085.	5079.	5074.	5080.	-999.0	-999.0	
-999.0	4979.	4972.	4968.	-999.0	-999.0	-999.0	4895.	-999.0	-999.0	
-999.0	-999.0	4795.	4779.	4755.	4736.	4718.	4702.	4671.	4621.	
4495.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5733.	5747.	5762.	5779.	5804.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 70
-999.0	6884.	6900.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5792.	5753.	5667.	5627.	5615.	5616.	5620.	5628.	
5654.	5687.	-999.0	-999.0	-999.0	-999.0	-999.0	5722.	5694.	-999.0	
-999.0	-999.0	5273.	5236.	5206.	5180.	5148.	-999.0	5114.	5119.	
5116.	-999.0	5111.	5102.	5098.	5093.	5083.	5079.	-999.0	-999.0	
-999.0	4988.	4982.	4981.	4987.	-999.0	-999.0	4910.	-999.0	-999.0	
-999.0	4827.	4809.	4791.	4772.	4754.	4739.	4723.	4707.	4675.	
4616.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5706.	5718.	5729.	5735.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 71
-999.0	6830.	6853.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	5759.	5713.	5653.	5630.	5626.	5635.	5631.	
5645.	5692.	5724.	-999.0	-999.0	-999.0	-999.0	5723.	5695.	-999.0	
-999.0	-999.0	5299.	5263.	5238.	5220.	5191.	-999.0	-999.0	5149.	
-999.0	-999.0	5124.	5116.	5109.	5104.	5095.	-999.0	-999.0	5037.	
-999.0	4994.	4987.	4983.	4984.	-999.0	-999.0	-999.0	-999.0	-999.0	
4858.	4840.	4821.	4803.	4786.	4771.	4757.	4744.	4728.	4703.	
4652.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5670.	5686.	5696.	5701.	5701.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 72
6772.	6781.	6787.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5856.	-999.0	-999.0	5679.	5708.	5692.	5670.	5630.	5636.	
5661.	5699.	5722.	-999.0	-999.0	-999.0	-999.0	5722.	5696.	-999.0	
-999.0	-999.0	5326.	5293.	5271.	5256.	5228.	-999.0	-999.0	5173.	

-999.0	-999.0	5145.	5134.	5123.	5118.	5111.	-999.0	-999.0	5040.	
5023.	5000.	4986.	4981.	4984.	4991.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4788.	4776.	4766.	4751.	4733.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5632.	5652.	5664.	5675.	5687.	5700.	-999.0	-999.0	-999.0	-999.0	ROW 0 73
-999.0	6710.	6711.	6725.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5877.	5849.	-999.0	-999.0	5725.	5673.	5654.	5641.	5643.	
5661.	5707.	5727.	5741.	-999.0	-999.0	-999.0	5724.	5695.	-999.0	
-999.0	-999.0	5381.	5327.	5308.	5299.	5268.	5252.	-999.0	-999.0	
-999.0	-999.0	5168.	5155.	5139.	5134.	5125.	-999.0	-999.0	5048.	
5027.	5005.	4974.	4970.	4987.	4995.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	4820.	4806.	4794.	4784.	4768.	4752.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5594.	5620.	5634.	5648.	5665.	5686.	-999.0	-999.0	-999.0	-999.0	ROW 0 74
-999.0	6627.	6633.	6643.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5963.	5903.	5858.	5821.	5798.	-999.0	5725.	5714.	5707.	5709.	
5712.	5726.	5730.	5737.	-999.0	-999.0	5753.	-999.0	5690.	-999.0	
-999.0	-999.0	5411.	5375.	5350.	5339.	5312.	5291.	-999.0	-999.0	
-999.0	-999.0	5188.	5175.	5163.	5158.	-999.0	-999.0	5084.	5063.	
5039.	5019.	4989.	4984.	5000.	5008.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	4854.	4835.	4819.	4810.	4801.	4784.	4757.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5558.	5589.	5605.	5619.	5634.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 75
-999.0	6553.	6556.	6570.	-999.0	-999.0	-999.0	-999.0	6104.	6042.	
5968.	5912.	5870.	5832.	5805.	-999.0	-999.0	-999.0	-999.0	5732.	
5733.	5733.	5734.	5738.	5743.	5748.	5748.	-999.0	5685.	5657.	
-999.0	5525.	5467.	5431.	5403.	5377.	5350.	5329.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	5185.	5179.	-999.0	-999.0	5093.	5077.	
5054.	5040.	5025.	5019.	5021.	5025.	5033.	-999.0	-999.0	-999.0	
-999.0	4904.	4887.	4867.	4849.	4832.	4824.	4818.	4810.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5531.	5561.	5578.	5595.	5608.	5613.	-999.0	-999.0	-999.0	-999.0	ROW 0 76
-999.0	6484.	6484.	6489.	-999.0	-999.0	-999.0	-999.0	6096.	6023.	
5944.	5908.	5878.	5843.	5813.	-999.0	-999.0	-999.0	5757.	5745.	
5740.	5739.	5739.	5741.	5743.	5746.	-999.0	-999.0	-999.0	5644.	
5602.	5552.	5515.	5488.	5462.	5425.	5391.	5368.	-999.0	-999.0	
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5070.	5059.	5048.	5042.	5039.	5039.	5038.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	4873.	4858.	4846.	4838.	4832.	4828.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5507.	5534.	5553.	5571.	5587.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 77
-999.0	6419.	6418.	6412.	-999.0	-999.0	-999.0	-999.0	-999.0	6005.	
5934.	5898.	5868.	5843.	5817.	5805.	-999.0	-999.0	-999.0	5751.	
5745.	5745.	5744.	5745.	5745.	5746.	-999.0	-999.0	-999.0	5643.	
5606.	5576.	5548.	5526.	5504.	5463.	5428.	5404.	5393.	-999.0	
-999.0	-999.0	-999.0	-999.0	5225.	5214.	-999.0	-999.0	-999.0	5105.	
5087.	5076.	5067.	5060.	5055.	5052.	5050.	5041.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4865.	4856.	4849.	4845.	4842.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5485.	5510.	5528.	5547.	5565.	5587.	-999.0	-999.0	-999.0	-999.0	ROW 0 78
6317.	6357.	6355.	6346.	6335.	6357.	-999.0	-999.0	-999.0	5995.	
5918.	5880.	5853.	5833.	5819.	5806.	-999.0	-999.0	-999.0	-999.0	
5749.	5749.	5749.	5749.	5750.	5753.	-999.0	-999.0	-999.0	-999.0	
5618.	5596.	5575.	5556.	5538.	5497.	5462.	5438.	5420.	-999.0	
-999.0	-999.0	-999.0	-999.0	5240.	5230.	-999.0	-999.0	5146.	5124.	
5103.	5092.	5083.	5076.	5070.	5066.	5063.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	4872.	4864.	4856.	4855.	4852.	4849.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

5462.	5487.	5502.	5521.	5540.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 79
6276.	6300.	6297.	6290.	6287.	6319.	6338.	-999.0	-999.0	-999.0	
5899.	5857.	5835.	5821.	5814.	5806.	5804.	-999.0	-999.0	-999.0	
-999.0	5754.	5754.	5754.	5755.	5753.	-999.0	-999.0	-999.0	5664.	
5634.	5617.	5599.	5583.	5569.	5528.	5494.	5470.	5449.	5435.	
-999.0	-999.0	-999.0	-999.0	-999.0	5247.	-999.0	-999.0	5155.	5138.	
5118.	5107.	5098.	5091.	5085.	5080.	5077.	5070.	-999.0	-999.0	
-999.0	-999.0	-999.0	4877.	4876.	4872.	4867.	4868.	4863.	4854.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5439.	5463.	5476.	5492.	5519.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 80
-999.0	6250.	6241.	6231.	6228.	6251.	6270.	-999.0	-999.0	-999.0	
5898.	5840.	5823.	5812.	5807.	5803.	5803.	-999.0	-999.0	-999.0	
-999.0	5759.	5759.	5759.	5760.	5760.	5765.	-999.0	5717.	5685.	
5652.	5639.	5624.	5610.	5599.	5559.	5526.	5503.	5483.	5465.	
-999.0	-999.0	-999.0	-999.0	-999.0	5266.	-999.0	-999.0	-999.0	5150.	
5133.	5122.	5113.	5106.	5100.	5094.	5090.	5079.	-999.0	-999.0	
-999.0	-999.0	4946.	4921.	4901.	4892.	4884.	4883.	4877.	4863.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5416.	5437.	5448.	5458.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 81
-999.0	6211.	6183.	6168.	6162.	6162.	6175.	-999.0	-999.0	-999.0	
5884.	5828.	5812.	5802.	5798.	5796.	5799.	-999.0	-999.0	-999.0	
-999.0	5764.	5764.	5764.	5765.	5766.	5768.	5773.	-999.0	5699.	
5670.	5661.	5649.	5637.	5628.	5599.	5562.	5539.	5517.	5499.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5166.	
5147.	5136.	5127.	5121.	5115.	5110.	5105.	5095.	-999.0	-999.0	
-999.0	-999.0	4957.	4940.	4919.	4910.	4904.	4901.	4897.	4892.	
4876.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5393.	5413.	5421.	5429.	5442.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 82
-999.0	-999.0	6103.	6098.	6084.	6045.	6057.	-999.0	-999.0	-999.0	
5868.	5815.	5800.	5791.	5786.	5786.	5794.	5804.	5813.	-999.0	
-999.0	-999.0	5768.	5769.	5770.	5771.	5773.	5778.	-999.0	5713.	
5685.	5681.	5673.	5664.	5656.	5648.	5606.	5578.	5548.	5528.	
5518.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5184.	
5166.	5150.	5142.	5136.	5130.	5126.	5122.	5116.	-999.0	-999.0	
-999.0	-999.0	4969.	4954.	4935.	4926.	4920.	4917.	4914.	4914.	
4911.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5372.	5389.	5397.	5403.	5406.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 83
-999.0	-999.0	6023.	6025.	5999.	5924.	5909.	-999.0	-999.0	-999.0	
-999.0	5803.	5789.	5780.	5774.	5772.	5782.	5796.	5807.	-999.0	
-999.0	-999.0	5777.	5775.	5776.	5778.	5780.	5784.	-999.0	-999.0	
5714.	5701.	5697.	5690.	5684.	5678.	5644.	5623.	-999.0	-999.0	
5552.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5202.	
5184.	5167.	5159.	5153.	5147.	5142.	5139.	5135.	-999.0	-999.0	
-999.0	-999.0	4981.	4968.	4950.	4940.	4934.	4930.	4928.	4929.	
4926.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5351.	5368.	5373.	5377.	5379.	5391.	-999.0	-999.0	-999.0	-999.0	ROW 0 84
-999.0	5903.	5940.	5949.	5896.	5799.	5749.	-999.0	-999.0	-999.0	
5828.	5795.	5778.	5769.	5763.	5761.	5766.	5784.	5799.	-999.0	
-999.0	-999.0	-999.0	5781.	5782.	5784.	5788.	5793.	-999.0	-999.0	
-999.0	5717.	5719.	5715.	5710.	5706.	5684.	5664.	-999.0	-999.0	
5595.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5221.	
5204.	5186.	5177.	5171.	5166.	5161.	5157.	5152.	-999.0	-999.0	
-999.0	-999.0	4993.	4980.	4965.	4954.	4947.	4944.	4942.	4943.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5333.	5348.	5353.	5355.	5358.	5358.	5364.	5382.	-999.0	-999.0	ROW 0 85
-999.0	5855.	5867.	5849.	-999.0	5662.	5650.	-999.0	-999.0	-999.0	
5815.	5785.	5766.	5757.	5752.	5751.	5754.	5768.	5789.	-999.0	
-999.0	-999.0	-999.0	5794.	5789.	5791.	5798.	5808.	5822.	-999.0	
-999.0	5748.	5740.	5739.	5735.	5732.	5729.	5709.	-999.0	-999.0	

-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5244.	
5227.	5207.	5197.	5190.	5185.	5181.	5177.	5172.	-999.0	-999.0	
-999.0	-999.0	5008.	-999.0	-999.0	4967.	4962.	4957.	4956.	4954.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5317.	5331.	5335.	5335.	5339.	5339.	5340.	5343.	-999.0	-999.0	ROW 0 86
-999.0	5725.	5756.	-999.0	-999.0	5555.	5569.	5579.	-999.0	-999.0	
-999.0	5773.	5753.	5746.	5742.	5743.	5747.	5758.	5780.	-999.0	
-999.0	-999.0	-999.0	5824.	-999.0	-999.0	5816.	5823.	5835.	-999.0	
-999.0	-999.0	5758.	5761.	5760.	5759.	5758.	5753.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5288.	5269.	
5250.	5228.	5217.	5210.	5205.	5202.	5200.	5201.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4975.	4972.	4970.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5303.	5313.	5317.	5316.	5319.	5321.	5320.	5321.	5322.	-999.0	ROW 0 87
-999.0	5578.	-999.0	-999.0	-999.0	5482.	5499.	5507.	-999.0	-999.0	
5779.	5760.	5742.	5735.	5733.	5736.	5742.	5752.	5770.	5794.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5856.	5867.	
-999.0	-999.0	5787.	5782.	5784.	5785.	5787.	5788.	5785.	5786.	
5786.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5301.	5287.	
5271.	5249.	5238.	5231.	5225.	5221.	5219.	5225.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4983.	4982.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5288.	5295.	5297.	5296.	5299.	5301.	5302.	5302.	5303.	-999.0	ROW 0 88
-999.0	-999.0	-999.0	-999.0	5392.	5422.	5435.	5445.	-999.0	-999.0	
5760.	5747.	5737.	5726.	5726.	5730.	5738.	5750.	5766.	5790.	
-999.0	5853.	5863.	-999.0	-999.0	-999.0	-999.0	-999.0	5891.	5885.	
-999.0	-999.0	-999.0	5805.	5807.	5811.	5814.	5819.	5825.	5824.	
5821.	5817.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5288.	5275.	5259.	5251.	5244.	5235.	5231.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4991.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5272.	5277.	5278.	5275.	5278.	5280.	5281.	5282.	5283.	-999.0	ROW 0 89
-999.0	-999.0	-999.0	-999.0	5348.	5371.	5383.	5392.	-999.0	-999.0	
5741.	5732.	5727.	5718.	5719.	5725.	5736.	5750.	5767.	5786.	
5815.	5846.	5866.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5848.	5837.	5829.	5834.	5839.	5845.	5852.	5858.	
5863.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5296.	5280.	5272.	5262.	5239.	5220.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5000.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5257.	5259.	5258.	5254.	5257.	5259.	5260.	5261.	5262.	-999.0	ROW 0 90
-999.0	-999.0	-999.0	5295.	5313.	5328.	5339.	5348.	-999.0	-999.0	
-999.0	5720.	-999.0	5703.	5714.	5722.	5735.	5751.	5768.	5787.	
5809.	5844.	5877.	5907.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	5861.	5861.	5858.	5862.	5869.	5879.	5888.	
5897.	5910.	5914.	-999.0	-999.0	-999.0	-999.0	-999.0	5186.	5317.	
5330.	5317.	5303.	5295.	5290.	5285.	5289.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5242.	5241.	5238.	5233.	5235.	5237.	5238.	5239.	5240.	-999.0	ROW 0 91
-999.0	-999.0	5259.	5270.	5281.	5290.	5298.	5308.	-999.0	-999.0	
-999.0	5695.	-999.0	5705.	5709.	5721.	5736.	5752.	5769.	5787.	
5807.	5842.	5881.	5910.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	5889.	5882.	5884.	5893.	5904.	5916.	
5927.	5936.	5945.	-999.0	-999.0	-999.0	-999.0	-999.0	5175.	-999.0	
-999.0	-999.0	5328.	5319.	5316.	5317.	5327.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

5227.	5222.	5217.	5212.	5213.	5214.	5215.	5217.	5219.	-999.0	ROW 0 92
-999.0	-999.0	5239.	5245.	5250.	5255.	5261.	5276.	-999.0	-999.0	
5517.	5627.	-999.0	-999.0	5695.	5720.	5735.	5751.	5768.	5787.	
5807.	5830.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	5918.	5914.	5916.	5919.	5929.	5943.	
5958.	5971.	5984.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5368.	5353.	5340.	5337.	5339.	5344.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5212.	5204.	5197.	5190.	5190.	5190.	5192.	5194.	5199.	-999.0	ROW 0 93
-999.0	-999.0	5216.	5218.	5220.	5222.	5223.	-999.0	-999.0	-999.0	
5396.	-999.0	-999.0	-999.0	5689.	5720.	5735.	5751.	5767.	5786.	
5806.	5830.	5867.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5949.	5948.	5949.	5957.	5971.
5988.	6006.	6022.	6039.	6050.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0
-999.0	5379.	5371.	5359.	5354.	5354.	5356.	5363.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5196.	5185.	5176.	5169.	5164.	5165.	5167.	5171.	5183.	-999.0	ROW 0 94
-999.0	-999.0	5194.	5192.	5191.	5191.	5191.	-999.0	-999.0	-999.0	
5255.	-999.0	-999.0	-999.0	5696.	5718.	5733.	5749.	5765.	5784.	
5804.	5828.	5868.	5901.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5997.	
6014.	6035.	6051.	6066.	6073.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5376.	5384.	5374.	5368.	5365.	5364.	5364.	5360.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5179.	5165.	5153.	5146.	5139.	5139.	5141.	5145.	-999.0	-999.0	ROW 0 95
-999.0	-999.0	5177.	5167.	5164.	5164.	5166.	-999.0	-999.0	5129.	
5149.	-999.0	-999.0	-999.0	5692.	5714.	5729.	5745.	5762.	5780.	
5800.	5825.	5867.	5900.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6045.	6061.	6076.	6086.	6090.	6100.	-999.0	-999.0	-999.0	-999.0	
-999.0	5261.	5390.	5389.	5381.	5375.	5370.	5366.	5360.	5342.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5161.	5142.	5129.	5122.	5116.	5116.	5121.	5124.	5124.	-999.0	ROW 0 96
-999.0	-999.0	-999.0	5138.	5137.	5138.	5143.	-999.0	5105.	5106.	
5112.	-999.0	-999.0	-999.0	5684.	5702.	5725.	5741.	5757.	5774.	
5793.	5818.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6084.	6098.	6107.	6115.	6120.	6123.	-999.0	-999.0	-999.0	
-999.0	-999.0	5428.	5412.	5393.	5384.	5376.	5369.	5361.	5347.	
5325.	-999.0	-999.0	-999.0	-999.0	5193.	5188.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5143.	5118.	5103.	5097.	5094.	5096.	5102.	5105.	5108.	-999.0	ROW 0 97
-999.0	-999.0	-999.0	5112.	5112.	5112.	5111.	-999.0	5084.	5080.	
5085.	5134.	-999.0	-999.0	5681.	5694.	5720.	5735.	5751.	5768.	
5785.	5818.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6060.	-999.0	-999.0	-999.0	
-999.0	-999.0	6119.	6125.	6130.	6133.	6133.	-999.0	-999.0	-999.0	
-999.0	-999.0	5447.	5429.	5404.	5391.	5381.	5372.	5363.	5352.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5189.	5185.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5123.	5092.	5071.	5072.	5074.	5080.	5086.	5088.	5091.	-999.0	ROW 0 98
-999.0	-999.0	-999.0	5088.	5089.	5091.	-999.0	-999.0	5061.	5059.	
5063.	5078.	-999.0	-999.0	-999.0	-999.0	5707.	5729.	5744.	5761.	
5777.	5808.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	6010.	6024.	-999.0	-999.0	-999.0	

-999.0	-999.0	6134.	6140.	6144.	6147.	6146.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	5438.	5415.	5398.	5385.	5374.	5365.	5354.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5191.	5183.	5176.	-999.0
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5107.	5069.	5051.	5052.	5057.	5065.	5072.	5073.	-999.0	-999.0	ROW 0 99
-999.0	-999.0	5051.	5065.	5067.	5072.	-999.0	-999.0	5036.	5037.	
5040.	5046.	-999.0	-999.0	-999.0	-999.0	5698.	5722.	5737.	5753.	
5771.	5788.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5988.	-999.0	-999.0	-999.0	5992.	5998.	6009.	6039.	-999.0	-999.0	
-999.0	-999.0	6151.	6152.	6155.	6157.	6159.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	5426.	5402.	5387.	5375.	5364.	5353.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5191.	5182.	5173.	5164.	
-999.0	5066.	5076.	5085.	5090.	5092.	-999.0	5112.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5093.	5052.	5038.	5034.	5044.	5049.	5047.	5048.	5038.	5039.	ROW 0100
-999.0	-999.0	5032.	5041.	5043.	-999.0	-999.0	-999.0	5014.	5018.	
5021.	5026.	-999.0	-999.0	-999.0	-999.0	-999.0	5710.	5731.	5745.	
5762.	5780.	5814.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5976.	5973.	5974.	5975.	5978.	5980.	5986.	5997.	-999.0	-999.0	
-999.0	-999.0	-999.0	6161.	6163.	6164.	6166.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	5435.	5412.	5386.	5372.	5360.	5348.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5158.	
-999.0	5092.	5100.	5112.	5118.	5121.	5115.	5149.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5079.	5040.	5021.	5021.	5024.	5026.	5026.	-999.0	5017.	5021.	ROW 0101
-999.0	-999.0	-999.0	5020.	5021.	-999.0	-999.0	4991.	4996.	5000.	
5003.	5007.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5725.	5738.	
5752.	5768.	5791.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5955.	5959.	5961.	5961.	5964.	5967.	5969.	-999.0	-999.0	
-999.0	-999.0	-999.0	6168.	6169.	6170.	6170.	6172.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	5411.	5382.	5369.	5357.	5339.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5145.	
5135.	5116.	5119.	5130.	5138.	5144.	5148.	5174.	5200.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5072.	5023.	5009.	5007.	5006.	5008.	-999.0	-999.0	4995.	-999.0	ROW 0102
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4974.	4979.	4982.	
4986.	4989.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5716.	5728.	
5741.	5756.	5772.	5806.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5932.	5937.	5947.	5950.	5951.	5953.	5954.	5952.	-999.0	
-999.0	-999.0	-999.0	6175.	6173.	6174.	6174.	6174.	6171.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5378.	5364.	5346.	5329.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5121.	
5123.	5126.	5136.	5145.	5153.	5160.	5168.	5183.	5205.	5227.	
5241.	5252.	-999.0	-999.0	-999.0	-999.0					
5054.	5016.	5003.	4996.	4988.	-999.0	-999.0	-999.0	4969.	-999.0	ROW 0103
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4955.	4958.	4962.	4966.	
4969.	4970.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5705.	5716.	
5730.	5745.	5758.	5780.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	5915.	5914.	5924.	5936.	5939.	5939.	5940.	5940.	-999.0	
-999.0	-999.0	-999.0	-999.0	6175.	6176.	6176.	6175.	6172.	6165.	
6157.	-999.0	-999.0	-999.0	-999.0	-999.0	5375.	5356.	5335.	5319.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5114.	5123.	
5128.	5135.	5147.	5156.	5163.	5171.	5179.	5190.	5208.	5227.	
5241.	5253.	-999.0	-999.0	-999.0	-999.0					
5047.	5009.	4994.	4983.	4973.	-999.0	-999.0	4954.	4946.	4942.	ROW 0104
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4942.	4944.	4947.	4950.	
4952.	4951.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5693.	5704.	
5717.	5732.	5746.	5757.	5783.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5898.	5900.	5909.	5923.	5924.	5924.	5926.	5925.	
-999.0	-999.0	-999.0	-999.0	-999.0	6176.	6176.	6174.	6171.	6164.	
6154.	6136.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5119.	5123.	5129.	
5140.	5148.	5156.	5164.	5172.	5179.	5188.	5197.	5209.	5226.	
5242.	5255.	-999.0	-999.0	-999.0	-999.0					

5039.	5001.	4982.	4969.	4959.	4948.	-999.0	-999.0	4931.	4926.	ROW 0105
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4929.	4932.	4935.	
4935.	4933.	-999.0	-999.0	-999.0	-999.0	-999.0	5652.	5678.	5691.	
5704.	5719.	5733.	5745.	5757.	5783.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	5878.	5892.	5907.	5904.	5910.	5908.	
-999.0	-999.0	-999.0	-999.0	-999.0	6175.	6174.	6172.	6169.	6163.	
6153.	6130.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5157.	5127.	5127.	5137.	
5146.	5154.	5162.	5170.	5178.	5186.	5194.	5203.	5212.	5228.	
5242.	-999.0	-999.0	-999.0	-999.0	-999.0					
5028.	4990.	4969.	4955.	4944.	4934.	-999.0	-999.0	4920.	4911.	ROW 0106
4902.	-999.0	-999.0	-999.0	-999.0	-999.0	4901.	4913.	4917.	4921.	
4918.	4917.	-999.0	-999.0	-999.0	-999.0	-999.0	5638.	5665.	5678.	
5691.	5705.	5719.	5732.	5741.	5755.	5778.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	5856.	5860.	5875.	5887.	5895.	5905.	
-999.0	-999.0	-999.0	-999.0	-999.0	6174.	6172.	6169.	6166.	6160.	
6152.	6129.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	5163.	5144.	5129.	5129.	5137.	
5149.	5159.	5167.	5176.	5184.	5192.	5200.	5208.	5216.	5231.	
5245.	-999.0	-999.0	-999.0	5304.	-999.0					
5013.	4976.	4955.	4941.	4930.	4920.	4907.	-999.0	-999.0	4890.	ROW 0107
4883.	4881.	-999.0	-999.0	-999.0	-999.0	4883.	4888.	4891.	-999.0	
-999.0	-999.0	-999.0	4915.	4964.	5083.	-999.0	5624.	5652.	5665.	
5678.	5690.	5704.	5717.	5727.	5736.	5750.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	5838.	5839.	5845.	5856.	5872.	5887.	
5907.	-999.0	-999.0	-999.0	-999.0	6171.	6169.	6166.	6162.	6156.	
6149.	6129.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	5149.	5133.	5127.	5129.	5140.	
5151.	5162.	5171.	5180.	5188.	5197.	5205.	5213.	5221.	5233.	
5247.	-999.0	5284.	5293.	5302.	-999.0					
4997.	4960.	4940.	4927.	4916.	4905.	4892.	4883.	-999.0	4872.	ROW 0108
4865.	4862.	4862.	-999.0	-999.0	-999.0	4864.	4865.	4866.	-999.0	
-999.0	-999.0	-999.0	-999.0	4910.	4992.	-999.0	-999.0	5631.	5655.	
5666.	5676.	5688.	5700.	5711.	5719.	5729.	5746.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	5823.	5827.	5833.	5848.	5863.	
5884.	-999.0	-999.0	-999.0	-999.0	-999.0	6164.	6161.	6157.	6152.	
6144.	6111.	6034.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	5175.	5159.	5145.	5130.	5126.	5128.	5137.	
5151.	5163.	5174.	5183.	5192.	5201.	5209.	5217.	5226.	5235.	
5252.	5269.	5282.	5293.	5301.	-999.0					
4983.	4932.	4922.	4913.	4904.	4890.	4876.	4865.	-999.0	4851.	ROW 0109
4842.	4837.	4840.	-999.0	-999.0	-999.0	4849.	4846.	4847.	-999.0	
4842.	4845.	-999.0	4864.	4878.	4924.	-999.0	-999.0	5609.	5633.	
5655.	5663.	5673.	5684.	5694.	5702.	5711.	5721.	5739.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5810.	5797.	5835.	
5859.	-999.0	-999.0	-999.0	-999.0	-999.0	6160.	6157.	6153.	6147.	
6139.	6103.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5179.	5166.	5154.	5138.	5128.	5125.	5127.	5136.	
5149.	5164.	5176.	5186.	5196.	5205.	5213.	5221.	5229.	5238.	
5255.	5271.	5283.	5293.	5301.	-999.0					
5017.	-999.0	-999.0	4888.	-999.0	4873.	4859.	4845.	4832.	4828.	ROW 0110
4821.	4818.	4817.	-999.0	-999.0	-999.0	-999.0	4827.	4827.	4824.	
4826.	4829.	-999.0	-999.0	4862.	4883.	4968.	-999.0	-999.0	-999.0	
5644.	5652.	5659.	5668.	5676.	5685.	5692.	5700.	5717.	5733.	
5748.	5759.	5767.	-999.0	-999.0	-999.0	-999.0	-999.0	5800.	5809.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6151.	6150.	6147.	6140.	
6119.	-999.0	-999.0	-999.0	-999.0	-999.0	5255.	-999.0	5225.	5218.	
-999.0	5180.	5168.	5160.	5150.	5139.	5127.	5124.	5128.	5137.	
5153.	5167.	5179.	5189.	5199.	5208.	5217.	5225.	5233.	5241.	
5259.	5274.	5287.	5295.	5302.	-999.0					
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4842.	4829.	4817.	4809.	ROW 0111
4806.	4803.	4800.	4803.	-999.0	-999.0	-999.0	4809.	4810.	4809.	
4812.	4812.	4814.	-999.0	-999.0	4869.	4933.	-999.0	-999.0	-999.0	
5626.	5640.	5647.	5653.	5660.	5667.	5673.	5680.	5687.	5708.	
5726.	5741.	5749.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5787.	

-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6127.	6127.	6121.	6105.	
6076.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5243.	5230.	5218.	5205.	
5184.	5168.	5161.	5153.	5145.	5136.	5125.	5123.	5123.	5128.	5142.	
5155.	5168.	5180.	5192.	5202.	5212.	5221.	5229.	5229.	5237.	5245.	
5261.	-999.0	5293.	5298.	-999.0	-999.0	-999.0	-999.0	4813.	4805.	4798.	ROW 0112
5183.	4935.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4790.	4793.	4796.	
4794.	4790.	4786.	-999.0	-999.0	-999.0	-999.0	-999.0	4790.	4793.	4796.	
4798.	4799.	4799.	4805.	-999.0	-999.0	-999.0	4915.	5004.	-999.0	-999.0	
-999.0	5620.	5634.	5639.	5644.	5649.	5655.	5660.	5660.	5667.	5684.	
5702.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5745.	5759.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6077.	6071.	6054.	
-999.0	-999.0	-999.0	-999.0	5264.	5250.	5236.	5219.	5203.	5185.	5185.	
5165.	5159.	5152.	5145.	5137.	5130.	5121.	5121.	5127.	5142.	5142.	
5154.	5167.	5181.	5194.	5205.	5215.	5225.	5233.	5241.	5249.	5249.	
5266.	-999.0	5298.	5301.	-999.0	-999.0	-999.0	-999.0	4795.	4794.	4787.	ROW 0113
4990.	4880.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4772.	4775.	4781.	
4782.	4776.	4771.	-999.0	-999.0	-999.0	-999.0	-999.0	4772.	4775.	4781.	
4781.	4782.	4784.	4789.	-999.0	-999.0	-999.0	4862.	4922.	-999.0	-999.0	
-999.0	5600.	5611.	5624.	5629.	5632.	5636.	5640.	5645.	5657.	5657.	
-999.0	-999.0	-999.0	-999.0	5677.	5677.	5684.	5699.	5718.	5733.	5733.	
-999.0	-999.0	-999.0	5785.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	5258.	5244.	5199.	5199.	5179.	5158.	5158.	
5150.	5149.	5142.	5131.	5124.	5119.	5116.	5118.	5125.	5139.	5139.	
5149.	5163.	5181.	5196.	5208.	5219.	5228.	5237.	5244.	5254.	5254.	
5271.	-999.0	5302.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4975.	4853.	-999.0	-999.0	-999.0	-999.0	-999.0	4777.	-999.0	4773.	4773.	ROW 0114
4767.	4761.	4749.	4733.	-999.0	-999.0	-999.0	4755.	4759.	4761.	4761.	
4762.	4762.	4764.	4767.	4779.	-999.0	-999.0	4837.	4856.	-999.0	-999.0	
-999.0	5588.	5593.	5608.	5613.	5616.	5618.	5620.	5623.	5630.	5630.	
5632.	-999.0	5644.	5649.	5652.	5636.	5651.	5675.	5691.	5709.	5709.	
-999.0	-999.0	-999.0	5761.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	5271.	5254.	5235.	5209.	5189.	5166.	5151.	5151.	
5143.	5139.	5129.	5121.	5115.	5112.	5112.	5115.	5122.	5134.	5134.	
5147.	5163.	5183.	5199.	5212.	5223.	5232.	5240.	5248.	5264.	5264.	
5278.	-999.0	5306.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4960.	4837.	4782.	4764.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0115
4740.	4733.	4720.	4711.	4705.	4705.	-999.0	-999.0	-999.0	4740.	4740.	
4742.	4740.	4741.	4746.	4761.	4791.	4820.	4838.	-999.0	-999.0	-999.0	
-999.0	5577.	5577.	5587.	5598.	5600.	5601.	5601.	5600.	5597.	5597.	
5607.	5609.	5620.	5626.	5630.	-999.0	5650.	5661.	5673.	5693.	5693.	
5707.	5719.	-999.0	5738.	5745.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	5268.	5245.	5227.	5206.	5181.	5162.	5148.	5148.	
5137.	5129.	5120.	5114.	5110.	5108.	5109.	5114.	5122.	5134.	5134.	
5149.	5169.	5186.	5202.	5215.	5227.	5236.	5244.	5254.	5271.	5271.	
-999.0	5307.	5308.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4902.	4828.	4783.	4753.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0116
-999.0	-999.0	4688.	4685.	4681.	4684.	-999.0	-999.0	-999.0	-999.0	4717.	
4719.	4714.	4714.	4720.	4734.	4774.	4813.	4835.	-999.0	-999.0	-999.0	
-999.0	-999.0	5567.	5569.	5579.	5586.	5587.	5583.	5577.	5571.	5571.	
5571.	5579.	5588.	5596.	5600.	-999.0	5639.	5646.	5655.	-999.0	-999.0	
-999.0	5709.	-999.0	5724.	5715.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5304.	5274.	5244.	5225.	5205.	5180.	5161.	5146.	5146.	
5134.	5124.	5115.	5110.	5106.	5106.	5108.	5114.	5123.	5136.	5136.	
5156.	5172.	5189.	5206.	5221.	5232.	5241.	5250.	5266.	5283.	5283.	
5298.	5318.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4868.	4812.	4773.	4733.	4709.	4702.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0117
-999.0	-999.0	4651.	4650.	4650.	4657.	-999.0	-999.0	-999.0	-999.0	4693.	
4693.	4681.	4680.	4686.	4702.	4744.	4806.	4845.	4879.	-999.0	-999.0	
-999.0	-999.0	-999.0	5558.	-999.0	5565.	5564.	5563.	5553.	5545.	5545.	
5533.	5526.	5537.	5552.	5564.	5575.	5613.	5632.	5640.	5654.	5654.	
-999.0	-999.0	5706.	5699.	5684.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5305.	5267.	5245.	5224.	5204.	5184.	5163.	5147.	5147.	
5133.	5121.	5113.	5107.	5104.	5105.	5108.	5115.	5125.	5139.	5139.	
5158.	5176.	5202.	5221.	5235.	5244.	5256.	5266.	5279.	5290.	5290.	
5300.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

4838.	4796.	4764.	4719.	4700.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0118
-999.0	-999.0	4611.	4608.	4618.	4631.	-999.0	-999.0	-999.0	4667.	
4659.	4634.	4631.	4637.	4654.	4706.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	5552.	5543.	-999.0	-999.0	-999.0	-999.0	5519.	
-999.0	5465.	5469.	5487.	5510.	5526.	-999.0	-999.0	5626.	5644.	
-999.0	5703.	5693.	5669.	5646.	5617.	5597.	-999.0	-999.0	-999.0	
-999.0	-999.0	5305.	5262.	5239.	5218.	5200.	5183.	5166.	5151.	
5137.	5121.	5111.	5105.	5103.	5105.	5109.	5117.	5129.	5145.	
5162.	5191.	5217.	5234.	5248.	-999.0	5273.	5280.	5290.	5298.	
5305.	-999.0	-999.0	-999.0	-999.0	-999.0					
4810.	4788.	4767.	4724.	4716.	4665.	-999.0	-999.0	-999.0	-999.0	ROW 0119
-999.0	-999.0	4568.	4556.	4569.	-999.0	-999.0	-999.0	-999.0	4640.	
4604.	4563.	4558.	4562.	4574.	4652.	-999.0	-999.0	-999.0	4951.	
-999.0	-999.0	-999.0	-999.0	5534.	5522.	-999.0	-999.0	-999.0	-999.0	
-999.0	5420.	5396.	5403.	5426.	5454.	5458.	-999.0	5579.	5634.	
-999.0	5703.	5680.	5610.	5581.	5558.	5541.	-999.0	-999.0	-999.0	
-999.0	-999.0	5296.	5248.	5226.	5207.	5190.	5175.	5160.	5147.	
5133.	5117.	5109.	5104.	5102.	5105.	5110.	5119.	5134.	5147.	
5174.	-999.0	-999.0	-999.0	5263.	-999.0	5285.	5293.	5303.	5310.	
5310.	-999.0	-999.0	-999.0	-999.0	-999.0					
4793.	4800.	4805.	4808.	4912.	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0120
-999.0	-999.0	4487.	4486.	4477.	-999.0	-999.0	-999.0	-999.0	-999.0	
4468.	4454.	4446.	4446.	4452.	4489.	-999.0	-999.0	-999.0	4468.	
-999.0	-999.0	-999.0	-999.0	5542.	5520.	5495.	5469.	5445.	-999.0	
-999.0	-999.0	5274.	5260.	5259.	5284.	5309.	5325.	5368.	-999.0	
-999.0	-999.0	-999.0	5339.	5321.	5303.	5288.	-999.0	-999.0	-999.0	
-999.0	5302.	5252.	5218.	5200.	5183.	5170.	5157.	5145.	5134.	
5123.	5110.	5106.	5100.	5100.	5104.	5110.	5119.	5133.	5145.	
5157.	-999.0	-999.0	-999.0	5275.	5286.	5298.	5312.	5328.	5341.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					

6135.	6116.	6087.	6062.	6048.	6038.	6033.	6030.	6033.	6039.	ROW 0 1
6048.	6058.	6070.	6081.	6090.	6099.	6106.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5794.	5783.	5770.	5753.	
5733.	5714.	5696.	5679.	5664.	5650.	5633.	5617.	5603.	5594.	
5576.	5428.	5206.	4983.	4728.	4472.	4429.	4393.	4370.	4356.	
4344.	4333.	4323.	4313.	4305.	4299.	4293.	4287.	4282.	-999.0	
-999.0	4256.	4258.	4263.	4270.	4277.	4286.	4295.	4304.	4313.	
4321.	4328.	4335.	4341.	4347.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6138.	6114.	6086.	6063.	6050.	6041.	6037.	6035.	6038.	6043.	ROW 0 2
6051.	6059.	6067.	6074.	6080.	6085.	6091.	-999.0	-999.0	-999.0	
-999.0	5863.	5857.	5846.	5835.	5819.	5800.	5786.	5771.	5754.	
5736.	5718.	5700.	5683.	5668.	5655.	5640.	5624.	5611.	5601.	
5583.	5462.	5209.	4950.	4657.	4457.	4412.	4382.	4366.	4353.	
4341.	4331.	4321.	4312.	4304.	4298.	4292.	4286.	4278.	4267.	
4253.	4255.	4257.	4262.	4269.	4277.	4286.	4296.	4304.	4313.	
4320.	4326.	4333.	4341.	4348.	4355.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6138.	6113.	6086.	6064.	6051.	6044.	6041.	6040.	6042.	6047.	ROW 0 3
6053.	6060.	6065.	6069.	6070.	6069.	6064.	6051.	-999.0	-999.0	
5898.	5875.	5860.	5846.	5833.	5819.	5803.	5789.	5773.	5757.	
5740.	5723.	5706.	5690.	5676.	5663.	5648.	5633.	5620.	5610.	
5570.	5436.	5218.	4952.	4697.	4477.	4391.	4374.	4362.	4350.	
4339.	4329.	4320.	4312.	4305.	4299.	4293.	4287.	4279.	4271.	
4261.	4256.	4254.	4260.	4268.	4277.	4287.	4297.	4305.	4313.	
4320.	4326.	4333.	4342.	4349.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6135.	6110.	6084.	6065.	6054.	6047.	6045.	6044.	6047.	6052.	ROW 0 4
6057.	6062.	6065.	6065.	6061.	6054.	6042.	6021.	5988.	5949.	
5910.	5882.	5864.	5849.	5835.	5820.	5806.	5791.	5777.	5761.	
5745.	5729.	5713.	5698.	5684.	5671.	5658.	5644.	5628.	5597.	
5523.	5395.	5199.	4941.	4702.	4480.	4382.	4368.	4358.	4348.	
4339.	4330.	4321.	4313.	4307.	4302.	4296.	4290.	4283.	4275.	
4266.	4256.	4248.	4258.	4269.	4279.	4289.	4299.	4307.	4315.	
4321.	4327.	4336.	4344.	4350.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6131.	6106.	6081.	6065.	6056.	6050.	6048.	6049.	6052.	6057.	ROW 0 5
6063.	6066.	6065.	6062.	6055.	6044.	6027.	6003.	5976.	5944.	
5911.	5886.	5867.	5851.	5837.	5822.	5808.	5794.	5780.	5765.	
5750.	5735.	5720.	5706.	5693.	5680.	5668.	5658.	5617.	5540.	
5436.	5301.	5139.	4911.	4691.	4477.	4378.	4366.	4357.	4349.	
4340.	4331.	4323.	4317.	4311.	4306.	4300.	4295.	4289.	4281.	
4271.	4255.	4225.	4256.	4272.	4283.	4293.	4302.	4311.	4318.	
4324.	4331.	4340.	4346.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6125.	6101.	6078.	6064.	6057.	6053.	6051.	6053.	6056.	6063.	ROW 0 6
6069.	6071.	6068.	6061.	6051.	6035.	6014.	5991.	5966.	5938.	
5909.	5887.	5869.	5853.	5838.	5824.	5811.	5797.	5784.	5770.	
5756.	5742.	5727.	5714.	5702.	5689.	5677.	5668.	5622.	5510.	
5382.	5234.	5066.	4873.	4674.	4474.	4378.	4366.	4359.	4351.	
4343.	4335.	4327.	4321.	4316.	4311.	4307.	4302.	4296.	4289.	
4281.	4269.	4254.	4269.	4281.	4290.	4299.	4308.	4315.	4322.	
4328.	4336.	4344.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6119.	6095.	6075.	6064.	6058.	6055.	6055.	6056.	6061.	6068.	ROW 0 7
6075.	6077.	6072.	6062.	6047.	6026.	6001.	5980.	5957.	5930.	
5906.	5887.	5870.	5854.	5839.	5826.	5813.	5800.	5787.	5774.	
5761.	5748.	5735.	5722.	5709.	5697.	5685.	5676.	5625.	5496.	
5347.	5188.	5019.	4840.	4657.	4476.	4381.	4370.	4363.	4355.	

4347.	4340.	4333.	4327.	4323.	4318.	4314.	4310.	4305.	4299.	
4293.	4286.	4281.	4286.	4292.	4299.	4306.	4314.	4321.	4328.	
4334.	4341.	4348.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6113.	6089.	6073.	6064.	6060.	6058.	6058.	6060.	6065.	6072.	ROW 0 8
6079.	6080.	6073.	6059.	6041.	6017.	5991.	5972.	5949.	5924.	
5904.	5886.	5869.	5854.	5840.	5827.	5815.	5803.	5791.	5779.	
5767.	5755.	5743.	5730.	5717.	5704.	5692.	5681.	5623.	5503.	
5321.	5151.	4982.	4810.	4640.	4473.	4385.	4375.	4368.	4361.	
4353.	4346.	4339.	4334.	4330.	4326.	4322.	4318.	4314.	4310.	
4305.	4301.	4298.	4300.	4304.	4308.	4314.	4321.	4327.	4333.	
4339.	4346.	4353.	4359.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6096.	6077.	6070.	6065.	6062.	6061.	6061.	6063.	6069.	6076.	ROW 0 9
6082.	6080.	6070.	6054.	6035.	6009.	5984.	5963.	5941.	5919.	
5901.	5883.	5867.	5853.	5839.	5827.	5816.	5805.	5794.	5783.	
5772.	5761.	5749.	5737.	5724.	5711.	5698.	5683.	5602.	5450.	
5282.	5114.	4946.	4780.	4617.	4464.	4391.	4383.	4375.	4368.	
4361.	4354.	4348.	4343.	4339.	4335.	4331.	4328.	4324.	4320.	
4317.	4314.	4312.	4312.	4314.	4317.	4322.	4328.	4333.	4339.	
4345.	4350.	4356.	4362.	4369.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6092.	6076.	6071.	6067.	6065.	6064.	6065.	6067.	6073.	6080.	ROW 0 10
6084.	6079.	6065.	6049.	6030.	6004.	5978.	5956.	5934.	5914.	
5896.	5879.	5864.	5851.	5838.	5827.	5817.	5806.	5797.	5787.	
5777.	5767.	5755.	5743.	5732.	5720.	5705.	5685.	5585.	5413.	
5244.	5076.	4910.	4746.	4585.	4445.	4397.	4391.	4384.	4376.	
4369.	4363.	4357.	4352.	4348.	4344.	4340.	4337.	4334.	4331.	
4328.	4325.	4324.	4323.	4324.	4326.	4330.	4335.	4339.	4344.	
4349.	4355.	4360.	4365.	4372.	4379.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6103.	6084.	6075.	6070.	6068.	6068.	6069.	6072.	6077.	6083.	ROW 0 11
6085.	6077.	6061.	6043.	6025.	6001.	5972.	5944.	5927.	5908.	
5890.	5874.	5860.	5847.	5836.	5826.	5817.	5808.	5799.	5791.	
5782.	5772.	5760.	5749.	5739.	5728.	5717.	5673.	5557.	5375.	
5204.	5037.	4873.	4707.	4534.	4424.	4407.	4400.	4392.	4385.	
4378.	4372.	4367.	4361.	4357.	4353.	4350.	4346.	4343.	4340.	
4338.	4336.	4334.	4333.	4332.	4335.	4338.	4341.	4345.	4350.	
4354.	4359.	4364.	4368.	4374.	4381.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6105.	6089.	6079.	6074.	6072.	6072.	6073.	6077.	6082.	6087.	ROW 0 12
6087.	6077.	6058.	6039.	6019.	5995.	5962.	5935.	5919.	5901.	
5884.	5867.	5854.	5843.	5833.	5824.	5816.	5808.	5800.	5793.	
5785.	5774.	5763.	5752.	5744.	5734.	5723.	5657.	5495.	5325.	
5159.	4997.	4836.	4675.	4508.	4427.	4418.	4409.	4402.	4395.	
4388.	4381.	4376.	4371.	4367.	4363.	4359.	4355.	4352.	4349.	
4347.	4345.	4343.	4341.	4341.	4343.	4345.	4348.	4351.	4355.	
4359.	4363.	4367.	4372.	4377.	4382.	4385.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6107.	6094.	6084.	6079.	6077.	6076.	6078.	6081.	6086.	6091.	ROW 0 13
6089.	6077.	6056.	6035.	6013.	5988.	5952.	5925.	5909.	5892.	
5875.	5860.	5848.	5838.	5830.	5822.	5815.	5808.	5801.	5795.	
5786.	5775.	5763.	5754.	5746.	5737.	5722.	5628.	5443.	5272.	
5110.	4954.	4801.	4649.	4497.	4432.	4426.	4419.	4411.	4404.	
4398.	4391.	4386.	4381.	4376.	4372.	4368.	4364.	4360.	4357.	
4355.	4353.	4351.	4349.	4349.	4350.	4351.	4354.	4357.	4360.	
4363.	4367.	4371.	4375.	4380.	4384.	4387.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					

6110.	6098.	6089.	6083.	6081.	6081.	6082.	6085.	6089.	6093.	ROW 0 14
6091.	6079.	6056.	6031.	6007.	5979.	5946.	5916.	5900.	5883.	
5866.	5852.	5841.	5832.	5824.	5818.	5813.	5807.	5801.	5794.	
5785.	5773.	5761.	5750.	5744.	5738.	5697.	5556.	5376.	5211.	
5056.	4907.	4764.	4624.	4489.	4440.	4435.	4429.	4422.	4415.	
4408.	4401.	4395.	4390.	4385.	4381.	4376.	4372.	4368.	4365.	
4362.	4360.	4358.	4356.	4356.	4356.	4357.	4359.	4362.	4365.	
4368.	4371.	4375.	4379.	4383.	4386.	4390.	4394.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6113.	6103.	6094.	6088.	6086.	6085.	6086.	6088.	6091.	6094.	ROW 0 15
6092.	6080.	6057.	6029.	6002.	5972.	5938.	5908.	5891.	5873.	
5856.	5843.	5832.	5823.	5817.	5814.	5811.	5806.	5800.	5793.	
5783.	5767.	5753.	5740.	5733.	5728.	5642.	5459.	5293.	5140.	
4995.	4856.	4723.	4594.	4485.	4450.	4445.	4439.	4432.	4425.	
4418.	4411.	4405.	4400.	4395.	4390.	4385.	4380.	4376.	4372.	
4369.	4366.	4364.	4362.	4362.	4362.	4363.	4364.	4366.	4369.	
4372.	4375.	4378.	4382.	4386.	4389.	4393.	4396.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6119.	6108.	6099.	6093.	6090.	6089.	6090.	6091.	6092.	6093.	ROW 0 16
6091.	6082.	6060.	6028.	5994.	5963.	5929.	5900.	5881.	5862.	
5846.	5832.	5821.	5812.	5807.	5809.	5803.	5796.	5790.	5774.	
5771.	5753.	5739.	5725.	5715.	5674.	5509.	5346.	5198.	5060.	
4927.	4800.	4676.	4546.	4478.	4462.	4457.	4451.	4444.	4436.	
4429.	4422.	4415.	4409.	4404.	4398.	4393.	4387.	4383.	4378.	
4375.	4372.	4369.	4367.	4367.	4367.	4367.	4369.	4371.	4373.	
4376.	4379.	4382.	4385.	4389.	4392.	4396.	4399.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6129.	6117.	6106.	6098.	6094.	6093.	6093.	6094.	6094.	6094.	ROW 0 17
6091.	6082.	6063.	6025.	5984.	5952.	5921.	5892.	5869.	5851.	
5835.	5821.	5808.	5797.	5790.	5781.	5767.	5752.	5738.	5726.	
5723.	5734.	5721.	5704.	5688.	5582.	5374.	5218.	5093.	4974.	
4855.	4740.	4635.	4535.	4493.	4479.	4471.	4463.	4455.	4448.	
4440.	4433.	4426.	4419.	4413.	4407.	4400.	4395.	4389.	4384.	
4380.	4376.	4373.	4371.	4371.	4371.	4372.	4373.	4375.	4377.	
4380.	4382.	4385.	4388.	4391.	4394.	4398.	4402.	4407.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6148.	6129.	6114.	6103.	6099.	6098.	6097.	6097.	6097.	6096.	ROW 0 18
6093.	6084.	6063.	6023.	5976.	5937.	5908.	5886.	5862.	5842.	
5825.	5808.	5793.	5779.	5765.	5747.	5732.	5705.	5686.	5669.	
5660.	5663.	5681.	5675.	5655.	5454.	5188.	5058.	4983.	4887.	
4780.	4669.	4589.	4542.	4517.	4500.	4486.	4477.	4468.	4459.	
4451.	4443.	4435.	4428.	4421.	4415.	4408.	4401.	4395.	4389.	
4384.	4380.	4376.	4374.	4374.	4374.	4376.	4377.	4379.	4381.	
4384.	4386.	4389.	4392.	4394.	4397.	4401.	4405.	4410.	4415.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6181.	6146.	6121.	6108.	6103.	6102.	6102.	6102.	6101.	6099.	ROW 0 19
6093.	6082.	6061.	6023.	5973.	5933.	5907.	5881.	5856.	5833.	
5812.	5794.	5778.	5761.	5742.	5727.	5694.	5652.	5631.	5604.	
5586.	5578.	5576.	5580.	5489.	5217.	4978.	4940.	4895.	4811.	
4710.	4628.	4597.	4562.	4535.	4517.	4502.	4490.	4480.	4471.	
4462.	4453.	4445.	4437.	4430.	4423.	4415.	4408.	4401.	4394.	
4387.	4381.	4377.	4376.	4376.	4377.	4379.	4381.	4383.	4385.	
4387.	4390.	4392.	4395.	4398.	4400.	4404.	4409.	4412.	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6238.	6206.	6147.	6108.	6107.	6108.	6108.	6108.	6106.	6103.	ROW 0 20
6095.	6082.	6056.	6019.	5977.	5937.	5904.	5874.	5847.	5821.	
5798.	5778.	5758.	5736.	5714.	5688.	5644.	5613.	5581.	5531.	
5501.	5488.	5466.	5440.	5321.	5101.	4936.	4893.	4829.	4765.	
4702.	4647.	4609.	4577.	4549.	4529.	4515.	4503.	4491.	4481.	

4472.	4463.	4455.	4446.	4438.	4430.	4422.	4413.	4406.	4398.	
4390.	4382.	4378.	4377.	4378.	4380.	4382.	4385.	4387.	4389.	
4391.	4394.	4396.	4398.	4401.	-999.0	-999.0	-999.0	-999.0	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6287.	6280.	6197.	6119.	6113.	6114.	6115.	6115.	6113.	6109.	ROW 0 21
6100.	6084.	6058.	6020.	5979.	5938.	5900.	5866.	5835.	5807.	
5781.	5757.	5734.	5710.	5685.	5654.	5616.	5577.	5524.	5481.	
5445.	5407.	5359.	5306.	5195.	5028.	4912.	4870.	4815.	4757.	
4703.	4656.	4619.	4589.	4561.	4541.	4527.	4514.	4502.	4491.	
4482.	4473.	4464.	4455.	4446.	4438.	4429.	4419.	4410.	4401.	
4392.	4383.	4379.	4378.	4379.	4381.	4385.	4388.	4390.	4392.	
4395.	4397.	4399.	4401.	4403.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6325.	6326.	6242.	6158.	6119.	6122.	6124.	6124.	6122.	6117.	ROW 0 22
6108.	6091.	6064.	6024.	5982.	5939.	5895.	5856.	5821.	5790.	
5762.	5736.	5710.	5684.	5656.	5623.	5587.	5546.	5501.	5456.	
5408.	5350.	5304.	5231.	5123.	5001.	4907.	4863.	4808.	4753.	
4704.	4662.	4627.	4598.	4572.	4551.	4537.	4524.	4513.	4502.	
4492.	4482.	4472.	4463.	4454.	4445.	4436.	4425.	4414.	4404.	
4395.	4386.	4381.	4380.	4381.	4383.	4387.	4391.	4394.	4396.	
4398.	4400.	4402.	4404.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6354.	6357.	6286.	6188.	6137.	6134.	6134.	6134.	6132.	6128.	ROW 0 23
6119.	6102.	6074.	6032.	5987.	5940.	5889.	5843.	5804.	5771.	
5741.	5713.	5687.	5659.	5629.	5596.	5559.	5518.	5474.	5429.	
5378.	5321.	5258.	5175.	5093.	5012.	4931.	4867.	4806.	4752.	
4705.	4666.	4633.	4605.	4580.	4560.	4546.	4533.	4522.	4511.	
4500.	4490.	4481.	4471.	4462.	4453.	4442.	4430.	4419.	4408.	
4398.	4390.	4384.	4383.	4384.	4386.	4389.	4393.	4397.	4399.	
4400.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6373.	6366.	6269.	6174.	6162.	6149.	6147.	6146.	6145.	6142.	ROW 0 24
6134.	6119.	6091.	6047.	5998.	5943.	5883.	5827.	5784.	5749.	
5718.	5690.	5663.	5635.	5604.	5571.	5533.	5491.	5447.	5402.	
5351.	5293.	5230.	5159.	5086.	5011.	4937.	4869.	4805.	4751.	
4705.	4667.	4637.	4611.	4587.	4568.	4554.	4542.	4530.	4519.	
4509.	4498.	4488.	4479.	4469.	4459.	4448.	4435.	4424.	4412.	
4402.	4394.	4388.	4386.	4387.	4389.	4392.	4396.	4399.	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6450.	6369.	6270.	6177.	6168.	6156.	6159.	6160.	6159.	6157.	ROW 0 25
6152.	6140.	6115.	6073.	6020.	5948.	5877.	5802.	5758.	5724.	
5694.	5667.	5640.	5612.	5582.	5549.	5511.	5468.	5423.	5378.	
5327.	5271.	5209.	5144.	5076.	5006.	4935.	4866.	4802.	4748.	
4703.	4666.	4638.	4616.	4593.	4575.	4562.	4549.	4538.	4527.	
4516.	4506.	4496.	4486.	4477.	4465.	4453.	4441.	4428.	4417.	
4407.	4398.	4392.	4390.	4391.	4393.	4396.	4399.	-999.0	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6500.	6392.	6291.	6201.	6180.	6176.	6175.	6175.	6176.	6175.	ROW 0 26
6171.	6163.	6145.	6112.	6065.	5987.	5847.	5751.	5725.	5697.	
5670.	5644.	5618.	5592.	5563.	5530.	5494.	5450.	5403.	5357.	
5307.	5251.	5191.	5129.	5064.	4996.	4927.	4858.	4795.	4741.	
4697.	4661.	4637.	4619.	4600.	4583.	4569.	4556.	4545.	4534.	
4523.	4513.	4503.	4493.	4484.	4472.	4459.	4446.	4434.	4422.	
4411.	4403.	4397.	4394.	4395.	4397.	4401.	4405.	4409.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
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6524.	6407.	6302.	6218.	6197.	6193.	6191.	6191.	6192.	6192.	ROW 0 27
6192.	6188.	6178.	6164.	6113.	5978.	5818.	5719.	5695.	5670.	
5645.	5621.	5597.	5574.	5548.	5518.	5484.	5440.	5382.	5336.	
5287.	5232.	5174.	5113.	5050.	4984.	4916.	4847.	4783.	4729.	
4689.	4659.	4639.	4621.	4604.	4588.	4574.	4562.	4551.	4540.	
4530.	4520.	4510.	4501.	4490.	4479.	4465.	4452.	4439.	4427.	
4417.	4408.	4402.	4400.	4400.	4402.	4406.	4410.	4412.	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6530.	6410.	6292.	6228.	6216.	6210.	6208.	6208.	6209.	6211.	ROW 0 28
6213.	6212.	6209.	6203.	6166.	5995.	5816.	5700.	5671.	5645.	
5621.	5598.	5578.	5559.	5546.	5509.	5462.	5409.	5342.	5310.	
5267.	5213.	5156.	5097.	5036.	4972.	4904.	4834.	4765.	4714.	
4687.	4662.	4641.	4623.	4607.	4592.	4579.	4567.	4556.	4546.	
4536.	4527.	4517.	4508.	4497.	4485.	4471.	4458.	4446.	4434.	
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6507.	6412.	6287.	6237.	6231.	6227.	6225.	6225.	6227.	6230.	ROW 0 29
6234.	6236.	6234.	6230.	6187.	6020.	5854.	5703.	5645.	5621.	
5598.	5577.	5558.	5542.	5515.	5470.	5428.	5379.	5318.	5289.	
5247.	5195.	5139.	5082.	5022.	4959.	4893.	4823.	4755.	4709.	
4684.	4661.	4642.	4624.	4609.	4594.	4582.	4570.	4559.	4550.	
4542.	4533.	4524.	4515.	4504.	4492.	4478.	4465.	4452.	4440.	
4429.	4421.	4415.	4412.	4412.	4415.	4418.	4423.	4427.	4433.	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6500.	6401.	6284.	6251.	6246.	6243.	6241.	6242.	6245.	6248.	ROW 0 30
6253.	6257.	6257.	6254.	6216.	6044.	5877.	5724.	5602.	5560.	
5537.	5516.	5498.	5480.	5452.	5423.	5400.	5368.	5307.	5272.	
5228.	5178.	5125.	5069.	5010.	4949.	4885.	4816.	4749.	4705.	
4681.	4658.	4641.	4625.	4610.	4596.	4584.	4572.	4562.	4554.	
4547.	4539.	4531.	4522.	4511.	4499.	4486.	4473.	4460.	4448.	
4437.	4429.	4423.	4420.	4420.	4423.	4426.	4430.	4434.	4437.	
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6485.	6403.	6292.	6268.	6263.	6259.	6258.	6258.	6260.	6265.	ROW 0 31
6270.	6275.	6277.	6275.	6247.	6063.	5885.	5712.	5539.	5481.	
5455.	5434.	5418.	5406.	5394.	5383.	5367.	5344.	5322.	5248.	
5211.	5164.	5113.	5059.	5001.	4942.	4879.	4812.	4746.	4702.	
4678.	4651.	4640.	4626.	4612.	4599.	4586.	4573.	4561.	4556.	
4551.	4546.	4538.	4529.	4519.	4508.	4495.	4483.	4470.	4458.	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6454.	6360.	6307.	6291.	6282.	6276.	6274.	6273.	6276.	6280.	ROW 0 32
6285.	6291.	6294.	6292.	6270.	6076.	5888.	5701.	5507.	5425.	
5388.	5366.	5352.	5345.	5342.	5344.	5333.	5320.	5306.	5235.	
5201.	5157.	5108.	5054.	4997.	4937.	4876.	4812.	4748.	4703.	
4679.	4658.	4642.	4627.	4614.	4601.	4589.	4574.	4554.	4559.	
4557.	4552.	4546.	4538.	4528.	4517.	4506.	4493.	4481.	4469.	
4459.	4450.	4444.	4441.	4440.	4441.	4443.	4445.	4446.	4448.	
4450.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6408.	6336.	6324.	6310.	6299.	6292.	6289.	6288.	6289.	6293.	ROW 0 33
6298.	6304.	6307.	6307.	6270.	6083.	5892.	5696.	5491.	5371.	
5327.	5309.	5298.	5293.	5292.	5292.	5296.	5296.	5294.	5231.	
5200.	5157.	5109.	5055.	4996.	4936.	4876.	4816.	4758.	4709.	
4678.	4660.	4644.	4630.	4617.	4605.	4593.	4582.	4572.	4568.	

4565.	4560.	4554.	4547.	4538.	4528.	4517.	4505.	4494.	4482.	
4472.	4463.	4457.	4454.	4453.	4453.	4454.	4454.	4453.	4451.	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6409.	6370.	6347.	6330.	6317.	6308.	6303.	6301.	6301.	6304.	ROW 0 34
6309.	6315.	6319.	6320.	6283.	6094.	5900.	5699.	5483.	5332.	
5285.	5263.	5253.	5250.	5251.	5249.	5263.	5275.	5289.	5234.	
5206.	5165.	5117.	5063.	5003.	4939.	4877.	4819.	4766.	4720.	
4684.	4661.	4646.	4632.	4620.	4609.	4599.	4590.	4583.	4578.	
4574.	4570.	4564.	4557.	4549.	4540.	4529.	4519.	4507.	4497.	
4487.	4478.	4472.	4468.	4466.	4466.	4466.	4465.	4460.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6423.	6395.	6369.	6349.	6334.	6322.	6315.	6312.	6312.	6314.	ROW 0 35
6320.	6326.	6332.	6334.	6299.	6110.	5917.	5716.	5510.	5312.	
5244.	5227.	5217.	5216.	5220.	5224.	5236.	5252.	5256.	5239.	
5216.	5178.	5129.	5074.	5014.	4950.	4882.	4822.	4770.	4727.	
4693.	4668.	4651.	4636.	4624.	4615.	4606.	4599.	4593.	4589.	
4585.	4580.	4575.	4569.	4561.	4552.	4543.	4533.	4522.	4512.	
4503.	4495.	4488.	4484.	4482.	4481.	4481.	4481.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6444.	6418.	6391.	6369.	6351.	6335.	6326.	6322.	6321.	6321.	ROW 0 36
6331.	6339.	6346.	6351.	6315.	6132.	5941.	5740.	5529.	5306.	
5221.	5194.	5190.	5192.	5197.	5203.	5212.	5242.	5258.	5249.	
5231.	5194.	5143.	5085.	5021.	4960.	4892.	4826.	4774.	4732.	
4700.	4676.	4658.	4642.	4631.	4623.	4616.	4610.	4605.	4600.	
4596.	4592.	4587.	4581.	4574.	4566.	4557.	4548.	4538.	4528.	
4519.	4511.	4505.	4500.	4498.	4497.	4497.	4498.	-999.0	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6471.	6441.	6416.	6392.	6371.	6346.	6335.	6330.	6328.	6333.	ROW 0 37
6342.	6351.	6361.	6368.	6338.	6161.	5974.	5774.	5560.	5327.	
5219.	5180.	5176.	5178.	5183.	5191.	5204.	5244.	5290.	5335.	
5329.	5289.	5225.	5123.	5014.	4963.	4896.	4831.	4776.	4737.	
4706.	4682.	4665.	4650.	4640.	4632.	4626.	4620.	4616.	4612.	
4609.	4604.	4600.	4594.	4588.	4580.	4572.	4563.	4554.	4545.	
4536.	4528.	4522.	4517.	4514.	4513.	4513.	4515.	4522.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6483.	6460.	6438.	6418.	6395.	6363.	6341.	6336.	6330.	6340.	ROW 0 38
6352.	6364.	6376.	6385.	6362.	6202.	6020.	5822.	5612.	5387.	
5241.	5185.	5175.	5175.	5180.	5190.	5205.	5240.	5325.	5420.	
5438.	5399.	5332.	5217.	5102.	4993.	4885.	4831.	4777.	4740.	
4710.	4688.	4672.	4659.	4649.	4642.	4636.	4632.	4628.	4625.	
4621.	4617.	4613.	4608.	4602.	4595.	4587.	4579.	4570.	4561.	
4553.	4545.	4539.	4534.	4530.	4528.	4527.	4528.	4530.	4532.	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6484.	6472.	6458.	6448.	6429.	6380.	6353.	6343.	6316.	6346.	ROW 0 39
6362.	6377.	6393.	6404.	6400.	6264.	6081.	5883.	5678.	5472.	
5283.	5205.	5186.	5183.	5187.	5198.	5214.	5250.	5349.	5456.	
5478.	5454.	5408.	5310.	5199.	5084.	4962.	4873.	4771.	4740.	
4713.	4693.	4679.	4668.	4659.	4653.	4648.	4644.	4641.	4637.	
4634.	4631.	4627.	4622.	4616.	4610.	4602.	4594.	4586.	4578.	
4569.	4562.	4555.	4550.	4546.	4543.	4541.	4539.	4538.	4534.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

6484.	6479.	6472.	6466.	6443.	6398.	6373.	6368.	6360.	6365.	ROW 0 40
6373.	6389.	6414.	6429.	6440.	6374.	6156.	5950.	5746.	5542.	
5340.	5237.	5208.	5202.	5204.	5216.	5233.	5270.	5366.	5453.	
5483.	5485.	5478.	5416.	5300.	5182.	5069.	4978.	4831.	4738.	
4714.	4698.	4687.	4677.	4670.	4665.	4661.	4657.	4654.	4651.	
4648.	4645.	4641.	4637.	4632.	4625.	4618.	4610.	4602.	4594.	
4586.	4578.	4571.	4566.	4561.	4557.	4554.	4551.	4548.	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6487.	6484.	6481.	6478.	6458.	6420.	6399.	6395.	6389.	6380.	ROW 0 41
6411.	6464.	6437.	6451.	6458.	6417.	6218.	6017.	5814.	5609.	
5393.	5280.	5238.	5228.	5229.	5241.	5261.	5303.	5392.	5468.	
5483.	5488.	5485.	5475.	5404.	5274.	5155.	5049.	4922.	4791.	
4715.	4704.	4696.	4689.	4683.	4678.	4674.	4671.	4668.	4665.	
4662.	4659.	4656.	4652.	4647.	4640.	4633.	4626.	4618.	4609.	
4601.	4594.	4587.	4581.	4576.	4571.	4567.	4562.	4555.	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6491.	6489.	6487.	6486.	6472.	6446.	6428.	6425.	6423.	6441.	ROW 0 42
6491.	6548.	6517.	6473.	6481.	6462.	6281.	6086.	5885.	5687.	
5456.	5318.	5275.	5258.	5258.	5272.	5297.	5343.	5411.	5464.	
5480.	5487.	5486.	5477.	5461.	5356.	5228.	5142.	5017.	4870.	
4754.	4709.	4707.	4702.	4697.	4693.	4689.	4685.	4682.	4680.	
4677.	4674.	4670.	4666.	4662.	4656.	4648.	4641.	4633.	4625.	
4617.	4609.	4602.	4596.	4590.	4585.	4580.	4579.	-999.0	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6519.	6492.	6493.	6492.	6484.	6473.	6460.	6455.	6454.	6488.	ROW 0 43
6563.	6650.	6657.	6590.	6511.	6531.	6358.	6160.	5953.	5743.	
5528.	5357.	5303.	5289.	5288.	5301.	5324.	5362.	5423.	5462.	
5475.	5481.	5480.	5472.	5457.	5377.	5259.	5154.	5039.	4919.	
4807.	4736.	4723.	4719.	4713.	4709.	4704.	4701.	4698.	4695.	
4692.	4689.	4685.	4681.	4676.	4670.	4664.	4656.	4648.	4640.	
4632.	4624.	4617.	4610.	4604.	4599.	4595.	4593.	4598.	-999.0	
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6541.	6510.	6499.	6499.	6498.	6490.	6484.	6482.	6483.	6527.	ROW 0 44
6622.	6742.	6795.	6793.	6719.	6671.	6461.	6244.	6023.	5804.	
5590.	5400.	5335.	5320.	5318.	5328.	5348.	5381.	5432.	5459.	
5470.	5473.	5468.	5455.	5437.	5368.	5278.	5174.	5065.	4959.	
4860.	4769.	4743.	4738.	4731.	4726.	4721.	4717.	4713.	4710.	
4707.	4704.	4700.	4696.	4691.	4685.	4678.	4671.	4663.	4656.	
4648.	4640.	4632.	4624.	4618.	4612.	4608.	4606.	4605.	-999.0	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6554.	6534.	6504.	6506.	6508.	6507.	6508.	6511.	6554.		ROW 0 45
6654.	6781.	6903.	6951.	6930.	6818.	6570.	6333.	6090.	5859.	
5642.	5437.	5368.	5351.	5347.	5354.	5371.	5404.	5440.	5454.	
5462.	5459.	5448.	5429.	5398.	5344.	5297.	5199.	5088.	4994.	
4903.	4807.	4767.	4759.	4751.	4744.	4738.	4733.	4729.	4726.	
4722.	4719.	4715.	4710.	4705.	4699.	4693.	4686.	4678.	4671.	
4663.	4655.	4646.	4638.	4631.	4625.	4620.	4617.	4615.	4615.	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6563.	6556.	6530.	6515.	6521.	6526.	6528.	6533.	6539.	6577.	ROW 0 46
6678.	6824.	6976.	7060.	7075.	6963.	6668.	6429.	6144.	5901.	
5681.	5474.	5403.	5382.	5374.	5378.	5392.	5423.	5444.	5452.	
5453.	5444.	5428.	5403.	5368.	5319.	5259.	5176.	5092.	5010.	
4930.	4850.	4798.	4781.	4770.	4761.	4755.	4749.	4745.	4741.	

4737.	4733.	4729.	4724.	4719.	4713.	4707.	4700.	4693.	4686.	
4678.	4669.	4661.	4653.	4645.	4637.	4631.	4627.	4623.	4620.	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6564.	6561.	6556.	6540.	6535.	6546.	6551.	6559.	6570.	6591.	ROW 0 47
6679.	6860.	6977.	7100.	7133.	7068.	6794.	6468.	6157.	5921.	
5707.	5517.	5443.	5414.	5400.	5400.	5412.	5432.	5443.	5446.	
5441.	5427.	5406.	5378.	5340.	5292.	5232.	5160.	5084.	5008.	
4933.	4862.	4819.	4801.	4789.	4779.	4771.	4765.	4760.	4756.	
4752.	4748.	4743.	4738.	4733.	4727.	4721.	4715.	4708.	4700.	
4692.	4684.	4676.	4667.	4658.	4650.	4643.	4637.	4632.	4627.	
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-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6549.	6547.	6558.	6564.	6573.	6572.	6576.	6583.	6594.	6610.	ROW 0 48
6632.	6787.	6973.	7079.	7108.	7076.	6853.	6476.	6094.	5918.	
5709.	5563.	5491.	5448.	5426.	5420.	5425.	5434.	5440.	5438.	
5428.	5410.	5384.	5354.	5314.	5266.	5208.	5141.	5071.	5000.	
4933.	4873.	4836.	4819.	4806.	4795.	4787.	4781.	4776.	4771.	
4766.	4762.	4757.	4752.	4746.	4741.	4735.	4729.	4722.	4715.	
4707.	4699.	4690.	4681.	4672.	4664.	4655.	4648.	4641.	4636.	
4634.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6471.	6492.	6544.	6583.	6598.	6594.	6598.	6605.	6614.	6627.	ROW 0 49
6643.	6724.	6891.	6981.	7013.	6992.	6813.	6396.	5957.	5909.	
5780.	5619.	5530.	5477.	5448.	5437.	5436.	5438.	5436.	5428.	
5415.	5394.	5365.	5332.	5291.	5242.	5185.	5122.	5056.	4992.	
4933.	4884.	4852.	4836.	4822.	4811.	4802.	4795.	4790.	4785.	
4780.	4776.	4770.	4765.	4760.	4754.	4748.	4742.	4736.	4729.	
4721.	4713.	4704.	4695.	4686.	4677.	4668.	4660.	4652.	4645.	
4639.	4633.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6451.	6439.	6504.	6579.	6614.	6613.	6618.	6625.	6634.	6646.	ROW 0 50
6664.	6687.	6756.	6816.	6867.	6871.	6751.	6495.	6094.	5893.	
5787.	5643.	5555.	5500.	5468.	5453.	5449.	5448.	5431.	5417.	
5403.	5381.	5351.	5314.	5271.	5221.	5165.	5104.	5042.	4982.	
4929.	4893.	4870.	4852.	4837.	4826.	4817.	4809.	4804.	4799.	
4794.	4789.	4784.	4779.	4773.	4768.	4762.	4756.	4750.	4743.	
4736.	4727.	4719.	4710.	4700.	4691.	4681.	4671.	4662.	4654.	
4645.	4635.	4625.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6428.	6417.	6448.	6551.	6624.	6627.	6637.	6645.	6654.	6666.	ROW 0 51
6682.	6702.	6722.	6734.	6769.	6760.	6677.	6545.	6177.	5888.	
5788.	5655.	5571.	5518.	5486.	5471.	5465.	5456.	5430.	5408.	
5392.	5368.	5336.	5298.	5254.	5204.	5148.	5089.	5031.	4971.	
4928.	4904.	4883.	4866.	4852.	4840.	4830.	4823.	4817.	4812.	
4807.	4802.	4797.	4792.	4787.	4782.	4776.	4770.	4764.	4757.	
4750.	4742.	4733.	4723.	4714.	4703.	4693.	4683.	4672.	4662.	
4651.	4640.	4629.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6390.	6381.	6371.	6496.	6628.	6660.	6659.	6666.	6675.	6685.	ROW 0 52
6698.	6713.	6727.	6736.	6745.	6723.	6652.	6552.	6223.	5889.	
5783.	5660.	5583.	5534.	5505.	5490.	5485.	5476.	5443.	5403.	
5381.	5356.	5323.	5284.	5239.	5189.	5135.	5079.	5024.	4969.	
4932.	4913.	4895.	4879.	4865.	4854.	4844.	4836.	4830.	4825.	
4820.	4815.	4811.	4806.	4801.	4795.	4790.	4784.	4777.	4771.	
4764.	4756.	4747.	4737.	4727.	4716.	4705.	4693.	4682.	4671.	
4659.	4647.	4636.	4629.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

6352.	6347.	6347.	6466.	6634.	6689.	6675.	6687.	6695.	6703.	ROW 0 53
6713.	6725.	6735.	6745.	6752.	6734.	6658.	6559.	6317.	5964.	
5751.	5660.	5595.	5551.	5526.	5514.	5511.	5517.	5496.	5411.	
5367.	5345.	5312.	5273.	5226.	5177.	5125.	5072.	5020.	4970.	
4937.	4921.	4905.	4891.	4878.	4867.	4858.	4851.	4844.	4838.	
4833.	4829.	4825.	4820.	4815.	4809.	4803.	4797.	4791.	4784.	
4777.	4769.	4760.	4750.	4739.	4728.	4716.	4704.	4692.	4679.	
4666.	4654.	4641.	4630.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6314.	6313.	6315.	6397.	6605.	6708.	6709.	6710.	6714.	6720.	ROW 0 54
6727.	6736.	6745.	6752.	6758.	6760.	6689.	6567.	6332.	5998.	
5761.	5670.	5610.	5572.	5550.	5541.	5539.	5541.	5495.	5419.	
5360.	5338.	5309.	5265.	5213.	5166.	5118.	5068.	5020.	4974.	
4944.	4930.	4917.	4904.	4892.	4882.	4873.	4866.	4859.	4853.	
4848.	4843.	4839.	4834.	4829.	4823.	4817.	4811.	4804.	4797.	
4789.	4781.	4772.	4762.	4751.	4740.	4727.	4714.	4701.	4688.	
4674.	4660.	4646.	4633.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6277.	6277.	6280.	6280.	6507.	6693.	6739.	6728.	6731.	6735.	ROW 0 55
6741.	6747.	6754.	6760.	6764.	6765.	6704.	6590.	6347.	6015.	
5777.	5686.	5630.	5595.	5577.	5570.	5569.	5571.	5522.	5459.	
5386.	5337.	5320.	5263.	5192.	5155.	5113.	5066.	5021.	4979.	
4953.	4941.	4929.	4917.	4907.	4897.	4889.	4882.	4875.	4869.	
4864.	4859.	4854.	4849.	4843.	4837.	4831.	4824.	4817.	4810.	
4802.	4793.	4784.	4774.	4763.	4751.	4738.	4724.	4710.	4696.	
4682.	4667.	4652.	4638.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6240.	6242.	6247.	6253.	6444.	6666.	6751.	6743.	6746.	6749.	ROW 0 56
6754.	6759.	6764.	6768.	6771.	6772.	6715.	6609.	6368.	6038.	
5795.	5706.	5653.	5623.	5608.	5602.	5602.	5606.	5565.	5509.	
5447.	5384.	5341.	5284.	5204.	5144.	5112.	5067.	5023.	4986.	
4964.	4953.	4942.	4932.	4922.	4914.	4906.	4899.	4893.	4887.	
4881.	4875.	4870.	4864.	4858.	4852.	4845.	4838.	4831.	4823.	
4814.	4805.	4795.	4785.	4774.	4762.	4749.	4734.	4720.	4705.	
4690.	4674.	4658.	4643.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6205.	6208.	6213.	6218.	6333.	6600.	6744.	6752.	6758.	6761.	ROW 0 57
6765.	6769.	6773.	6776.	6778.	6778.	6723.	6605.	6380.	6052.	
5810.	5726.	5680.	5658.	5646.	5640.	5639.	5640.	5622.	5566.	
5508.	5449.	5392.	5330.	5256.	5173.	5121.	5070.	5022.	4996.	
4977.	4967.	4957.	4948.	4939.	4931.	4924.	4918.	4912.	4905.	
4899.	4893.	4887.	4880.	4874.	4867.	4859.	4852.	4844.	4836.	
4827.	4817.	4807.	4796.	4785.	4772.	4759.	4744.	4729.	4714.	
4698.	4682.	4665.	4650.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6175.	6176.	6178.	6182.	6185.	6438.	6700.	6772.	6770.	6772.	ROW 0 58
6775.	6778.	6781.	6783.	6784.	6784.	6743.	6598.	6359.	6036.	
5816.	5746.	5707.	5688.	5678.	5670.	5666.	5666.	5657.	5626.	
5570.	5510.	5450.	5387.	5317.	5236.	5139.	5072.	5042.	5013.	
4993.	4984.	4975.	4966.	4957.	4950.	4943.	4937.	4931.	4925.	
4918.	4911.	4904.	4897.	4890.	4882.	4874.	4866.	4858.	4849.	
4839.	4829.	4819.	4808.	4796.	4783.	4769.	4754.	4738.	4722.	
4706.	4689.	4672.	4657.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6139.	6141.	6144.	6148.	6155.	6368.	6647.	6776.	6779.	6781.	ROW 0 59
6784.	6787.	6789.	6790.	6790.	6789.	6757.	6590.	6306.	5970.	
5810.	5759.	5733.	5707.	5690.	5679.	5674.	5672.	5672.	5671.	
5638.	5572.	5510.	5451.	5388.	5315.	5200.	5086.	5058.	5036.	
5015.	5004.	4994.	4985.	4976.	4969.	4962.	4956.	4950.	4943.	

4937.	4930.	4922.	4914.	4906.	4898.	4889.	4881.	4872.	4862.	
4852.	4842.	4831.	4819.	4807.	4793.	4779.	4763.	4747.	4730.	
4714.	4697.	4680.	4664.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6105.	6107.	6109.	6112.	6119.	6309.	6586.	6753.	6784.	6788.	ROW 0 60
6791.	6794.	6796.	6796.	6795.	6792.	6784.	6614.	6195.	5859.	
5821.	5777.	5746.	5720.	5701.	5688.	5680.	5676.	5675.	5675.	
5675.	5628.	5569.	5518.	5470.	5435.	5352.	5201.	5117.	5067.	
5043.	5027.	5015.	5005.	4996.	4988.	4981.	4974.	4968.	4962.	
4955.	4948.	4940.	4932.	4924.	4915.	4906.	4896.	4886.	4876.	
4866.	4855.	4844.	4832.	4818.	4804.	4789.	4773.	4756.	4739.	
4722.	4706.	4689.	4673.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6070.	6072.	6074.	6077.	6081.	6194.	6475.	6695.	6785.	6792.	ROW 0 61
6797.	6801.	6802.	6803.	6801.	6796.	6789.	6632.	6184.	5860.	
5827.	5791.	5757.	5730.	5710.	5694.	5685.	5680.	5678.	5678.	
5678.	5656.	5620.	5582.	5540.	5506.	5462.	5342.	5230.	5114.	
5078.	5053.	5037.	5025.	5015.	5006.	4999.	4992.	4986.	4980.	
4973.	4965.	4957.	4949.	4941.	4932.	4922.	4912.	4901.	4891.	
4880.	4868.	4857.	4844.	4831.	4816.	4800.	4782.	4764.	4747.	
4729.	4713.	4698.	4685.	4676.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6034.	6036.	6039.	6043.	6045.	6044.	6275.	6558.	6747.	6797.	ROW 0 62
6803.	6807.	6809.	6809.	6806.	6800.	6791.	6670.	6208.	5866.	
5834.	5800.	5766.	5738.	5716.	5699.	5688.	5682.	5680.	5680.	
5681.	5677.	5673.	5648.	5604.	5553.	5503.	5418.	5305.	5184.	
5116.	5082.	5059.	5045.	5034.	5024.	5016.	5009.	5003.	4997.	
4990.	4982.	4975.	4967.	4958.	4949.	4938.	4928.	4917.	4905.	
4894.	4882.	4870.	4857.	4844.	4829.	4813.	4795.	4775.	4757.	
4738.	4720.	4705.	4691.	4678.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5999.	6000.	6004.	6009.	6013.	6018.	6135.	6413.	6688.	6799.	ROW 0 63
6809.	6814.	6816.	6815.	6811.	6802.	6784.	6744.	6298.	5874.	
5841.	5807.	5773.	5744.	5720.	5702.	5690.	5683.	5681.	5681.	
5683.	5694.	5712.	5698.	5663.	5602.	5536.	5454.	5358.	5255.	
5166.	5105.	5078.	5063.	5051.	5042.	5033.	5026.	5019.	5013.	
5006.	4999.	4992.	4983.	4975.	4965.	4955.	4944.	4932.	4920.	
4908.	4896.	4883.	4871.	4857.	4842.	4825.	4807.	4788.	4769.	
4750.	4732.	4714.	4696.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5962.	5964.	5969.	5975.	5982.	5989.	5996.	6271.	6591.	6770.	ROW 0 64
6817.	6821.	6824.	6824.	6820.	6812.	6794.	6670.	6226.	5879.	
5846.	5811.	5778.	5748.	5723.	5704.	5691.	5684.	5682.	5683.	
5686.	5700.	5715.	5709.	5681.	5635.	5572.	5495.	5409.	5321.	
5237.	5160.	5106.	5078.	5067.	5057.	5049.	5041.	5035.	5028.	
5022.	5015.	5008.	5000.	4991.	4981.	4971.	4960.	4948.	4935.	
4922.	4910.	4897.	4884.	4871.	4855.	4838.	4820.	4801.	4782.	
4763.	4744.	4725.	4706.	4689.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5922.	5926.	5933.	5941.	5950.	5960.	5973.	6213.	6507.	6752.	ROW 0 65
6823.	6829.	6832.	6833.	6831.	6827.	6785.	6604.	6223.	5885.	
5847.	5813.	5781.	5751.	5725.	5705.	5692.	5685.	5683.	5685.	
5692.	5704.	5713.	5715.	5699.	5661.	5604.	5534.	5454.	5375.	
5294.	5217.	5144.	5094.	5081.	5071.	5063.	5056.	5049.	5044.	
5037.	5031.	5024.	5015.	5006.	4997.	4986.	4975.	4963.	4950.	
4937.	4923.	4910.	4896.	4883.	4868.	4850.	4832.	4814.	4795.	
4776.	4757.	4737.	4715.	4692.	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

5878.	5884.	5895.	5907.	5918.	5931.	5945.	6175.	6474.	6723.	ROW 0 66
6828.	6836.	6841.	6843.	6842.	6839.	6793.	6614.	6339.	6002.	
5837.	5811.	5782.	5753.	5782.	5707.	5693.	5686.	5684.	5687.	
5694.	5704.	5714.	5719.	5710.	5682.	5635.	5569.	5498.	5422.	
5343.	5265.	5191.	5127.	5093.	5084.	5076.	5069.	5064.	5058.	
5052.	5046.	5039.	5030.	5021.	5011.	5001.	4990.	4977.	4964.	
4951.	4937.	4924.	4910.	4895.	4880.	4863.	4846.	4827.	4809.	
4790.	4770.	4750.	4728.	4707.	4688.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5823.	5836.	5855.	5873.	5888.	5902.	5917.	6152.	6490.	6739.	ROW 0 67
6831.	6841.	6848.	6852.	6851.	6847.	6805.	6632.	6377.	6023.	
5834.	5811.	5783.	5755.	5729.	5709.	5695.	5688.	5685.	5688.	
5695.	5704.	5715.	5721.	5715.	5694.	5655.	5596.	5535.	5463.	
5386.	5306.	5233.	5172.	5121.	5094.	5089.	5083.	5078.	5073.	
5067.	5061.	5053.	5045.	5036.	5026.	5015.	5004.	4991.	4978.	
4965.	4951.	4937.	4924.	4909.	4893.	4877.	4859.	4841.	4823.	
4804.	4784.	4764.	4744.	4723.	4703.	4683.	4668.	4658.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5739.	5774.	5816.	5840.	5858.	5874.	5889.	6122.	6469.	6705.	ROW 0 68
6823.	6849.	6856.	6859.	6859.	6867.	6796.	6628.	6384.	6055.	
5834.	5812.	5786.	5759.	5732.	5712.	5698.	5690.	5687.	5690.	
5696.	5705.	5715.	5723.	5719.	5703.	5669.	5624.	5566.	5498.	
5423.	5344.	5271.	5211.	5161.	5118.	5102.	5098.	5093.	5088.	
5083.	5076.	5068.	5060.	5050.	5040.	5029.	5017.	5004.	4990.	
4978.	4965.	4951.	4938.	4923.	4907.	4891.	4874.	4856.	4837.	
4818.	4799.	4780.	4760.	4740.	4721.	4702.	4685.	4669.	4652.	
4638.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5750.	5755.	5789.	5812.	5831.	5847.	5863.	6100.	6443.	6660.	ROW 0 69
6791.	6852.	6861.	6865.	6889.	6867.	6773.	6601.	6365.	6060.	
5836.	5814.	5790.	5763.	5737.	5717.	5702.	5694.	5690.	5692.	
5698.	5706.	5716.	5724.	5722.	5710.	5685.	5644.	5591.	5529.	
5457.	5380.	5305.	5245.	5194.	5147.	5117.	5114.	5110.	5104.	
5099.	5092.	5083.	5074.	5064.	5054.	5042.	5030.	5017.	5004.	
4990.	4978.	4965.	4951.	4937.	4922.	4905.	4888.	4870.	4852.	
4834.	4815.	4796.	4777.	4758.	4739.	4721.	4704.	4687.	4667.	
4642.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5747.	5752.	5770.	5788.	5805.	5822.	5838.	6068.	6406.	6610.	ROW 0 70
6755.	6843.	6872.	6893.	6931.	6848.	6712.	6540.	6327.	6039.	
5839.	5818.	5795.	5770.	5744.	5723.	5709.	5699.	5695.	5696.	
5700.	5708.	5717.	5724.	5723.	5715.	5694.	5658.	5612.	5554.	
5486.	5412.	5337.	5278.	5229.	5185.	5146.	5133.	5128.	5122.	
5116.	5108.	5099.	5088.	5078.	5068.	5057.	5043.	5030.	5017.	
5004.	4990.	4977.	4964.	4951.	4936.	4920.	4903.	4885.	4867.	
4849.	4830.	4812.	4793.	4775.	4757.	4740.	4723.	4707.	4692.	
4619.	4619.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5734.	5738.	5749.	5763.	5780.	5797.	5814.	6042.	6382.	6575.	ROW 0 71
6718.	6804.	6841.	6882.	6902.	6808.	6603.	6438.	6278.	6115.	
5912.	5820.	5802.	5777.	5753.	5733.	5717.	5707.	5702.	5701.	
5704.	5711.	5718.	5724.	5723.	5718.	5701.	5669.	5627.	5573.	
5510.	5439.	5367.	5310.	5262.	5220.	5179.	5153.	5147.	5141.	
5134.	5126.	5116.	5105.	5094.	5083.	5072.	5059.	5045.	5031.	
5017.	5003.	4990.	4977.	4964.	4950.	4934.	4918.	4901.	4883.	
4864.	4846.	4828.	4810.	4792.	4775.	4758.	4742.	4725.	4709.	
4634.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5715.	5718.	5726.	5738.	5753.	5772.	5792.	6011.	6340.	6552.	ROW 0 72
6701.	6757.	6782.	6818.	6817.	6696.	6453.	6330.	6232.	6105.	
5935.	5831.	5812.	5787.	5762.	5744.	5728.	5717.	5710.	5708.	
5710.	5715.	5720.	5724.	5723.	5719.	5706.	5677.	5638.	5588.	
5530.	5465.	5396.	5341.	5296.	5255.	5209.	5172.	5165.	5159.	

5153.	5146.	5135.	5125.	5113.	5101.	5089.	5074.	5060.	5045.	
5030.	5016.	5002.	4989.	4977.	4964.	4949.	4933.	4916.	4898.	
4880.	4862.	4844.	4826.	4809.	4792.	4776.	4760.	4743.	4715.	
4688.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5693.	5694.	5701.	5711.	5725.	5744.	5776.	5989.	6260.	6492.	ROW 0 73
6625.	6686.	6705.	6711.	6670.	6508.	6259.	6204.	6136.	6056.	
5966.	5876.	5829.	5795.	5773.	5755.	5739.	5727.	5720.	5716.	
5717.	5720.	5723.	5725.	5724.	5719.	5709.	5686.	5647.	5601.	
5548.	5488.	5426.	5374.	5332.	5293.	5252.	5207.	5182.	5179.	
5173.	5165.	5156.	5144.	5132.	5119.	5105.	5090.	5074.	5059.	
5043.	5029.	5015.	5002.	4990.	4978.	4964.	4948.	4932.	4914.	
4896.	4878.	4860.	4842.	4825.	4809.	4794.	4781.	4769.	4685.	
4689.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5668.	5669.	5674.	5683.	5694.	5705.	5808.	6019.	6218.	6425.	ROW 0 74
6546.	6607.	6625.	6621.	6561.	6389.	6225.	6178.	6117.	6047.	
5972.	5904.	5853.	5810.	5781.	5765.	5751.	5740.	5732.	5727.	
5726.	5726.	5727.	5727.	5725.	5720.	5712.	5691.	5655.	5612.	
5563.	5510.	5455.	5409.	5369.	5332.	5295.	5256.	5216.	5199.	
5193.	5184.	5175.	5163.	5150.	5136.	5121.	5105.	5089.	5073.	
5057.	5043.	5028.	5016.	5004.	4992.	4979.	4964.	4947.	4929.	
4911.	4893.	4875.	4857.	4841.	4826.	4812.	4799.	4789.	4690.	
4693.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5643.	5643.	5648.	5655.	5664.	5673.	5782.	5946.	6169.	6344.	ROW 0 75
6455.	6529.	6547.	6541.	6471.	6307.	6197.	6155.	6098.	6036.	
5974.	5916.	5867.	5826.	5793.	5774.	5762.	5751.	5743.	5737.	
5734.	5733.	5732.	5730.	5728.	5723.	5715.	5695.	5662.	5623.	
5579.	5531.	5485.	5444.	5407.	5371.	5335.	5297.	5253.	5219.	
5215.	5205.	5195.	5182.	5168.	5154.	5137.	5121.	5104.	5088.	
5072.	5057.	5044.	5031.	5019.	5007.	4994.	4978.	4962.	4944.	
4926.	4907.	4889.	4872.	4856.	4841.	4827.	4815.	4805.	4710.	
4702.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5618.	5617.	5621.	5627.	5635.	5642.	5724.	5812.	6053.	6235.	ROW 0 76
6367.	6455.	6474.	6462.	6381.	6257.	6172.	6134.	6082.	6026.	
5971.	5919.	5874.	5834.	5801.	5781.	5771.	5760.	5751.	5744.	
5740.	5738.	5737.	5735.	5732.	5726.	5717.	5699.	5669.	5633.	
5594.	5554.	5514.	5478.	5444.	5409.	5374.	5338.	5298.	5255.	
5237.	5227.	5215.	5201.	5186.	5171.	5154.	5137.	5120.	5103.	
5087.	5073.	5059.	5046.	5034.	5022.	5008.	4993.	4976.	4958.	
4940.	4921.	4903.	4886.	4870.	4855.	4842.	4829.	4816.	4800.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5592.	5592.	5595.	5601.	5608.	5615.	5642.	5663.	5889.	6132.	ROW 0 77
6292.	6388.	6407.	6395.	6333.	6239.	6152.	6113.	6067.	6016.	
5972.	5918.	5870.	5832.	5804.	5789.	5777.	5766.	5756.	5749.	
5745.	5743.	5741.	5739.	5736.	5732.	5722.	5703.	5676.	5644.	
5609.	5574.	5541.	5509.	5477.	5444.	5411.	5377.	5339.	5293.	
5258.	5249.	5235.	5220.	5204.	5188.	5170.	5152.	5135.	5118.	
5102.	5088.	5074.	5062.	5049.	5036.	5023.	5007.	4990.	4972.	
4953.	4935.	4917.	4900.	4884.	4869.	4856.	4843.	4828.	4810.	
4812.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5567.	5566.	5569.	5575.	5583.	5594.	5605.	5632.	5816.	6075.	ROW 0 78
6258.	6330.	6346.	6339.	6318.	6286.	6162.	6082.	6047.	6001.	
5959.	5896.	5857.	5827.	5807.	5798.	5792.	5795.	5781.	5763.	
5749.	5748.	5746.	5744.	5742.	5738.	5729.	5711.	5687.	5657.	
5626.	5594.	5563.	5534.	5506.	5476.	5445.	5412.	5376.	5332.	
5289.	5270.	5254.	5238.	5221.	5204.	5185.	5167.	5150.	5133.	
5117.	5103.	5089.	5076.	5064.	5051.	5037.	5021.	5003.	4984.	
4966.	4947.	4930.	4913.	4897.	4883.	4871.	4858.	4843.	4818.	
4815.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

5540.	5539.	5542.	5548.	5558.	5571.	5587.	5608.	5789.	6020.	ROW 0 79
6205.	6273.	6288.	6285.	6279.	6269.	6198.	6070.	6025.	5984.	
5936.	5826.	5836.	5821.	5808.	5803.	5801.	5806.	5812.	5783.	
5753.	5752.	5751.	5750.	5747.	5745.	5738.	5722.	5700.	5673.	
5645.	5611.	5581.	5554.	5531.	5504.	5476.	5447.	5412.	5370.	
5322.	5293.	5274.	5255.	5237.	5219.	5200.	5182.	5164.	5147.	
5132.	5117.	5104.	5091.	5079.	5066.	5051.	5035.	5015.	4996.	
4977.	4959.	4942.	4925.	4910.	4898.	4886.	4876.	4867.	4795.	
4812.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5513.	5512.	5514.	5521.	5531.	5545.	5562.	5582.	5756.	5970.	ROW 0 80
6112.	6211.	6229.	6227.	6223.	6221.	6187.	6067.	5998.	5965.	
5919.	5876.	5843.	5820.	5808.	5803.	5803.	5807.	5811.	5811.	
5774.	5757.	5756.	5755.	5753.	5751.	5748.	5735.	5715.	5693.	
5672.	5641.	5611.	5582.	5550.	5527.	5506.	5480.	5449.	5408.	
5356.	5313.	5292.	5272.	5252.	5234.	5214.	5196.	5178.	5161.	
5146.	5132.	5118.	5106.	5094.	5081.	5066.	5049.	5026.	5006.	
4987.	4970.	4953.	4938.	4924.	4913.	4902.	4894.	4887.	4820.	
4826.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5484.	5484.	5486.	5492.	5502.	5515.	5531.	5550.	5719.	5915.	ROW 0 81
6036.	6147.	6165.	6162.	6155.	6145.	6126.	6045.	5992.	5948.	
5906.	5873.	5839.	5814.	5803.	5801.	5802.	5806.	5809.	5818.	
5792.	5761.	5761.	5761.	5759.	5757.	5755.	5748.	5732.	5712.	
5695.	5671.	5646.	5623.	5594.	5564.	5537.	5515.	5486.	5447.	
5396.	5340.	5309.	5287.	5266.	5246.	5227.	5209.	5192.	5175.	
5160.	5145.	5133.	5120.	5109.	5097.	5083.	5066.	5035.	5012.	
4995.	4980.	4965.	4951.	4938.	4927.	4918.	4911.	4906.	4906.	
4846.	4883.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5456.	5456.	5458.	5463.	5470.	5482.	5496.	5513.	5669.	5842.	ROW 0 82
5948.	6033.	6082.	6087.	6073.	6048.	6043.	6022.	6016.	5919.	
5887.	5860.	5828.	5805.	5795.	5794.	5799.	5803.	5807.	5817.	
5812.	5781.	5767.	5766.	5765.	5764.	5762.	5759.	5749.	5732.	
5717.	5697.	5676.	5657.	5637.	5608.	5574.	5552.	5524.	5489.	
5442.	5377.	5326.	5300.	5277.	5257.	5239.	5222.	5205.	5188.	
5173.	5159.	5146.	5135.	5123.	5113.	5102.	5093.	5049.	5011.	
5001.	4989.	4976.	4963.	4951.	4941.	4932.	4925.	4920.	4916.	
4911.	4898.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5428.	5428.	5430.	5434.	5439.	5448.	5459.	5471.	5607.	5758.	ROW 0 83
5858.	5943.	5999.	6005.	5979.	5935.	5932.	5978.	5981.	5896.	
5869.	5844.	5814.	5794.	5784.	5783.	5791.	5800.	5805.	5811.	
5820.	5796.	5773.	5772.	5771.	5771.	5770.	5768.	5764.	5753.	
5740.	5725.	5705.	5688.	5670.	5644.	5610.	5591.	5564.	5532.	
5490.	5420.	5342.	5310.	5284.	5265.	5249.	5234.	5217.	5200.	
5185.	5172.	5159.	5148.	5137.	5128.	5119.	5112.	5063.	5016.	
5008.	4998.	4987.	4975.	4964.	4955.	4946.	4939.	4933.	4928.	
4922.	4913.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5401.	5401.	5403.	5405.	5406.	5414.	5422.	5430.	5501.	5650.	ROW 0 84
5763.	5870.	5913.	5910.	5859.	5805.	5799.	5884.	5935.	5879.	
5847.	5822.	5802.	5785.	5774.	5772.	5781.	5795.	5803.	5812.	
5818.	5806.	5777.	5777.	5777.	5777.	5778.	5779.	5777.	5771.	
5761.	5753.	5738.	5719.	5701.	5677.	5646.	5630.	5608.	5583.	
5551.	5496.	5439.	5355.	5282.	5271.	5259.	5247.	5233.	5217.	
5203.	5189.	5177.	5166.	5157.	5147.	5137.	5127.	5075.	5024.	
5017.	5008.	4988.	4988.	4977.	4968.	4959.	4952.	4946.	4941.	
4936.	4931.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5376.	5376.	5378.	5379.	5381.	5385.	5388.	5391.	5389.	5509.	ROW 0 85
5654.	5786.	5816.	5777.	5660.	5643.	5680.	5779.	5885.	5867.	
5821.	5803.	5789.	5773.	5763.	5762.	5769.	5786.	5801.	5812.	
5820.	5826.	5799.	5782.	5782.	5784.	5789.	5792.	5792.	5786.	
5778.	5770.	5765.	5752.	5732.	5708.	5677.	5667.	5652.	5637.	

5624.	5600.	5546.	5457.	5340.	5278.	5271.	5261.	5250.	5237.	
5224.	5211.	5200.	5190.	5180.	5171.	5160.	5142.	5085.	5034.	
5027.	5019.	5010.	5000.	4990.	4981.	4972.	4965.	4959.	4954.	
4951.	4951.	4960.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5353.	5351.	5354.	5355.	5357.	5359.	5360.	5362.	5364.	5414.	ROW 0 86
5535.	5656.	5673.	5566.	5495.	5500.	5565.	5642.	5808.	5831.	
5804.	5785.	5774.	5760.	5752.	5753.	5761.	5778.	5798.	5811.	
5823.	5832.	5832.	5817.	5816.	5812.	5801.	5805.	5805.	5801.	
5794.	5788.	5781.	5778.	5764.	5746.	5721.	5700.	5694.	5690.	
5688.	5699.	5642.	5543.	5434.	5329.	5289.	5280.	5270.	5257.	
5245.	5232.	5221.	5212.	5203.	5196.	5189.	5169.	5090.	5044.	
5039.	5031.	5022.	5013.	5003.	4994.	4985.	4977.	4970.	4965.	
4962.	4962.	4965.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5332.	5331.	5332.	5332.	5333.	5334.	5335.	5336.	5336.	5333.	ROW 0 87
5393.	5482.	5474.	5435.	5446.	5454.	5482.	5554.	5719.	5796.	
5780.	5763.	5757.	5746.	5742.	5745.	5754.	5773.	5795.	5809.	
5825.	5838.	5848.	5857.	5864.	5862.	5844.	5819.	5818.	5815.	
5807.	5804.	5799.	5796.	5792.	5781.	5768.	5749.	5734.	5737.	
5739.	5739.	5718.	5620.	5504.	5379.	5310.	5299.	5288.	5276.	
5264.	5253.	5242.	5233.	5225.	5219.	5213.	5193.	5102.	5056.	
5051.	5043.	5035.	5026.	5016.	5006.	4997.	4988.	4980.	4974.	
4970.	4969.	4968.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5312.	5311.	5310.	5310.	5310.	5311.	5311.	5312.	5314.	5317.	ROW 0 88
5321.	5332.	5356.	5385.	5398.	5407.	5406.	5476.	5644.	5748.	
5752.	5745.	5740.	5734.	5733.	5737.	5748.	5768.	5793.	5809.	
5826.	5843.	5858.	5874.	5895.	5906.	5903.	5886.	5870.	5859.	
5835.	5820.	5817.	5816.	5818.	5812.	5806.	5799.	5785.	5776.	
5780.	5783.	5786.	5700.	5562.	5416.	5330.	5318.	5305.	5293.	
5283.	5272.	5263.	5254.	5246.	5239.	5234.	5196.	5113.	5069.	
5063.	5057.	5048.	5039.	5029.	5018.	5008.	4998.	4989.	4980.	
4976.	4974.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5292.	5290.	5288.	5288.	5288.	5288.	5289.	5290.	5293.	5299.	ROW 0 89
5306.	5315.	5330.	5345.	5356.	5365.	5371.	5421.	5582.	5692.	
5723.	5729.	5727.	5724.	5723.	5731.	5743.	5761.	5786.	5810.	
5828.	5848.	5867.	5887.	5908.	5934.	5944.	5939.	5920.	5899.	
5866.	5833.	5831.	5834.	5836.	5840.	5838.	5837.	5833.	5823.	
5816.	5818.	5817.	5752.	5613.	5451.	5351.	5336.	5320.	5309.	
5300.	5291.	5282.	5274.	5267.	5259.	5253.	5211.	5126.	5081.	
5077.	5070.	5062.	5053.	5042.	5030.	5017.	5007.	4998.	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5271.	5269.	5267.	5265.	5265.	5265.	5266.	5267.	5271.	5278.	ROW 0 90
5286.	5293.	5301.	5310.	5319.	5326.	5332.	5360.	5507.	5624.	
5677.	5716.	5716.	5714.	5714.	5723.	5739.	5757.	5779.	5806.	
5832.	5853.	5874.	5897.	5921.	5944.	5958.	5971.	5959.	5941.	
5915.	5879.	5862.	5851.	5857.	5865.	5868.	5869.	5872.	5872.	
5863.	5856.	5860.	5810.	5675.	5493.	5370.	5351.	5329.	5323.	
5317.	5309.	5301.	5294.	5288.	5282.	5276.	5231.	5143.	5094.	
5091.	5086.	5077.	5067.	5056.	5043.	5024.	5015.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5251.	5248.	5245.	5243.	5241.	5241.	5242.	5244.	5248.	5255.	ROW 0 91
5262.	5268.	5272.	5278.	5283.	5288.	5291.	5289.	5393.	5512.	
5599.	5680.	5703.	5704.	5707.	5717.	5734.	5754.	5774.	5799.	
5830.	5860.	5880.	5904.	5929.	5951.	5969.	5984.	5988.	5982.	
5962.	5935.	5912.	5886.	5876.	5883.	5891.	5898.	5908.	5914.	
5912.	5905.	5905.	5886.	5768.	5566.	5392.	5366.	5343.	5338.	
5332.	5326.	5320.	5313.	5308.	5303.	5298.	5255.	5166.	5104.	
5106.	5103.	5094.	5083.	5072.	5061.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					

5231.	5227.	5223.	5220.	5218.	5217.	5216.	5218.	5223.	5230.	ROW 0 92
5237.	5245.	5245.	5247.	5250.	5252.	5252.	5252.	5313.	5401.	
5508.	5621.	5683.	5692.	5700.	5708.	5728.	5750.	5772.	5796.	
5829.	5826.	5883.	5908.	5933.	5957.	5977.	5993.	6012.	6020.	
6002.	5979.	5956.	5934.	5912.	5902.	5907.	5919.	5935.	5945.	
5951.	5950.	5945.	5957.	5904.	5743.	5558.	5449.	5364.	5353.	
5348.	5343.	5337.	5331.	5326.	5321.	5317.	5286.	5220.	5154.	
5135.	5127.	5119.	5106.	5093.	5080.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5210.	5205.	5201.	5197.	5194.	5192.	5190.	5189.	5195.	5203.	ROW 0 93
5209.	5216.	5217.	5218.	5218.	5216.	5210.	5200.	5213.	5262.	
5391.	5549.	5665.	5680.	5692.	5703.	5723.	5747.	5769.	5794.	
5828.	5861.	5883.	5909.	5935.	5960.	5984.	6006.	6028.	6063.	
6032.	6011.	5992.	5974.	5957.	5942.	5942.	5947.	5953.	5965.	
5977.	5987.	5989.	5990.	5997.	5922.	5772.	5637.	5499.	5419.	
5361.	5357.	5353.	5347.	5342.	5336.	5332.	5326.	5275.	5221.	
5177.	5161.	5149.	5135.	5122.	5107.	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5189.	5183.	5178.	5173.	5170.	5167.	5163.	5151.	5167.	5176.	ROW 0 94
5181.	5186.	5188.	5188.	5187.	5182.	5171.	5154.	5143.	5143.	
5236.	5422.	5602.	5672.	5686.	5698.	5717.	5742.	5766.	5792.	
5826.	5860.	5882.	5907.	5935.	5962.	5988.	6012.	6028.	6037.	
6033.	6025.	6014.	6004.	5993.	5986.	5986.	5988.	5983.	5984.	
5992.	6020.	6029.	6028.	6026.	6021.	5948.	5807.	5671.	5552.	
5428.	5367.	5366.	5362.	5355.	5348.	5340.	5328.	5305.	5271.	
5226.	5199.	5180.	5164.	5149.	5140.	5139.	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5166.	5159.	5153.	5149.	5146.	5144.	5142.	5140.	5146.	5153.	ROW 0 95
5156.	5159.	5161.	5160.	5158.	5153.	5144.	5133.	5128.	5128.	
5130.	5299.	5541.	5662.	5679.	5694.	5707.	5733.	5760.	5787.	
5822.	5858.	5880.	5906.	5934.	5961.	5988.	6013.	6025.	6029.	
6027.	6023.	6019.	6017.	6015.	6015.	6022.	6026.	6026.	6021.	
6035.	6055.	6060.	6061.	6049.	6045.	6041.	5946.	5807.	5672.	
5532.	5379.	5381.	5376.	5368.	5358.	5347.	5333.	5313.	5286.	
5253.	5226.	5205.	5187.	5172.	5161.	5156.	5154.	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5141.	5132.	5125.	5122.	5121.	5121.	5121.	5121.	5124.	5129.	ROW 0 96
5132.	5133.	5133.	5132.	5130.	5125.	5118.	5111.	5108.	5109.	
5113.	5245.	5502.	5653.	5672.	5687.	5701.	5725.	5754.	5781.	
5817.	5854.	5878.	5904.	5931.	5958.	5984.	6009.	6021.	6023.	
6021.	6020.	6018.	6016.	6017.	6024.	6047.	6060.	6063.	6064.	
6068.	6070.	6086.	6090.	6084.	6078.	6069.	6027.	5915.	5782.	
5634.	5477.	5401.	5391.	5379.	5367.	5355.	5339.	5321.	5297.	
5271.	5245.	5223.	5204.	5189.	5177.	5169.	5161.	5153.	5120.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5114.	5102.	5089.	5092.	5096.	5098.	5099.	5100.	5102.	5105.	ROW 0 97
5110.	5108.	5106.	5105.	5102.	5098.	5092.	5088.	5087.	5087.	
5090.	5173.	5410.	5615.	5665.	5679.	5694.	5715.	5745.	5774.	
5810.	5848.	5873.	5900.	5927.	5953.	5978.	6000.	6012.	6014.	
6012.	6013.	6013.	6011.	6012.	6014.	6041.	6090.	6088.	6092.	
6096.	6097.	6110.	6113.	6111.	6104.	6089.	6080.	6019.	5886.	
5728.	5546.	5418.	5403.	5389.	5375.	5361.	5345.	5327.	5306.	
5280.	5257.	5236.	5217.	5201.	5188.	5177.	5168.	5160.	5126.	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5087.	5068.	5025.	5060.	5071.	5076.	5078.	5079.	5079.	5080.	ROW 0 98
5079.	5079.	5078.	5077.	5074.	5069.	5062.	5063.	5063.	5064.	
5066.	5108.	5318.	5536.	5649.	5668.	5686.	5702.	5731.	5764.	
5802.	5840.	5864.	5891.	5919.	5946.	5970.	5991.	6000.	6001.	
6001.	6002.	6003.	6003.	6005.	6009.	6016.	6060.	6086.	6103.	

6112.	6117.	6120.	6129.	6129.	6121.	6104.	6091.	6076.	5994.	
5829.	5656.	5484.	5412.	5397.	5382.	5366.	5349.	5331.	5311.	
5287.	5266.	5245.	5226.	5209.	5194.	5182.	5172.	5162.	5154.	
5148.	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5065.	5050.	5038.	5046.	5052.	5056.	5057.	5057.	5056.	5053.	ROW 0 99
5048.	5049.	5049.	5049.	5046.	5038.	5035.	5039.	5040.	5042.	
5042.	5041.	5195.	5461.	5632.	5657.	5678.	5694.	5718.	5753.	
5791.	5828.	5853.	5880.	5907.	5935.	5960.	5980.	5987.	5988.	
5988.	5990.	5992.	5993.	5996.	6001.	6008.	6018.	6065.	6099.	
6115.	6126.	6137.	6143.	6142.	6133.	6116.	6102.	6086.	6065.	
5937.	5751.	5554.	5421.	5403.	5386.	5369.	5352.	5333.	5314.	
5291.	5270.	5250.	5231.	5214.	5198.	5185.	5173.	5164.	5156.	
5149.	5140.	5136.	5136.	5137.	5140.	-999.0	5177.	5189.	5204.	
5221.	5239.	5257.	5275.	5289.	5299.					
5045.	5027.	5029.	5032.	5035.	5037.	5037.	5036.	5033.	5030.	ROW 0100
5025.	5020.	5020.	5020.	5017.	5011.	5014.	5017.	5019.	5020.	
5022.	5024.	5101.	5330.	5558.	5648.	5668.	5687.	5703.	5736.	
5778.	5815.	5837.	5864.	5892.	5919.	5945.	5966.	5973.	5973.	
5973.	5978.	5981.	5982.	5985.	5992.	5997.	6005.	6016.	6084.	
6104.	6123.	6140.	6149.	6151.	6143.	6125.	6113.	6099.	6083.	
6000.	5838.	5660.	5482.	5405.	5388.	5369.	5351.	5333.	5313.	
5291.	5270.	5250.	5232.	5215.	5198.	5184.	5173.	5165.	5158.	
5152.	5146.	5143.	5144.	5147.	5153.	5164.	5180.	5194.	5210.	
5226.	5242.	5259.	5274.	5288.	5299.					
5032.	5023.	5019.	5019.	5019.	5019.	5017.	5015.	5012.	5008.	ROW 0101
5002.	4994.	4990.	4990.	4990.	4992.	4994.	4996.	4998.	5000.	
5003.	5005.	5008.	5195.	5476.	5634.	5658.	5677.	5695.	5721.	
5763.	5802.	5822.	5847.	5874.	5900.	5924.	5945.	5952.	5954.	
5953.	5954.	5963.	5970.	5973.	5977.	5986.	5990.	5998.	6038.	
6077.	6109.	6137.	6153.	6155.	6154.	6141.	6124.	6111.	6099.	
6053.	5919.	5748.	5547.	5410.	5387.	5367.	5348.	5329.	5309.	
5287.	5267.	5247.	5230.	5212.	5196.	5183.	5174.	5166.	5160.	
5154.	5151.	5150.	5152.	5157.	5164.	5174.	5186.	5200.	5215.	
5230.	5245.	5260.	5274.	5287.	5298.					
5018.	5012.	5007.	5005.	5003.	5001.	4998.	4995.	4991.	4986.	ROW 0102
4981.	4974.	4967.	4965.	4966.	4971.	4974.	4976.	4978.	4981.	
4984.	4987.	4992.	5133.	5379.	5579.	5651.	5668.	5688.	5703.	
5738.	5779.	5807.	5828.	5853.	5877.	5899.	5917.	5929.	5932.	
5931.	5927.	5932.	5946.	5953.	5957.	5967.	5977.	5981.	5989.	
6038.	6088.	6125.	6155.	6158.	6160.	6155.	6141.	6122.	6108.	
6093.	6016.	5848.	5654.	5463.	5379.	5361.	5342.	5323.	5303.	
5281.	5261.	5242.	5224.	5207.	5193.	5183.	5174.	5167.	5160.	
5157.	5156.	5157.	5160.	5165.	5172.	5182.	5193.	5206.	5220.	
5234.	5248.	5262.	5276.	5288.	-999.0					
5003.	4998.	4993.	4990.	4986.	4983.	4980.	4976.	4971.	4966.	ROW 0103
4961.	4956.	4952.	4950.	4950.	4953.	4955.	4957.	4959.	4962.	
4965.	4969.	4973.	5092.	5317.	5530.	5638.	5658.	5678.	5693.	
5722.	5760.	5791.	5808.	5831.	5853.	5874.	5892.	5905.	5911.	
5912.	5910.	5907.	5914.	5927.	5935.	5944.	5956.	5964.	5973.	
6016.	6067.	6109.	6143.	6157.	6161.	6161.	6154.	6137.	6116.	
6099.	6073.	5948.	5738.	5508.	5376.	5355.	5334.	5314.	5294.	
5273.	5253.	5234.	5216.	5201.	5191.	5181.	5173.	5166.	5161.	
5160.	5160.	5162.	5166.	5172.	5180.	5188.	5199.	5211.	5224.	
5237.	5251.	5264.	5277.	5289.	-999.0					
4987.	4983.	4978.	4974.	4969.	4965.	4961.	4956.	4952.	4947.	ROW 0104
4942.	4938.	4935.	4934.	4934.	4935.	4936.	4938.	4941.	4943.	
4946.	4949.	4953.	5050.	5255.	5478.	5623.	5646.	5666.	5682.	
5709.	5744.	5776.	5790.	5808.	5829.	5849.	5867.	5881.	5892.	
5894.	5892.	5890.	5888.	5896.	5911.	5922.	5934.	5947.	5956.	
5969.	6039.	6088.	6132.	6154.	6158.	6162.	6159.	6149.	6128.	
6103.	6082.	5999.	5797.	5546.	5376.	5345.	5322.	5302.	5282.	
5262.	5243.	5225.	5209.	5197.	5188.	5179.	5171.	5165.	5163.	
5162.	5164.	5167.	5172.	5178.	5186.	5194.	5204.	5216.	5228.	
5241.	5254.	5267.	5279.	5291.	-999.0					

4970.	4967.	4962.	4957.	4952.	4947.	4943.	4938.	4933.	4928.	ROW 0105
4924.	4920.	4918.	4916.	4916.	4917.	4918.	4920.	4922.	4924.	
4926.	4929.	4931.	4985.	5166.	5369.	5560.	5635.	5653.	5671.	
5695.	5723.	5754.	5774.	5787.	5805.	5824.	5842.	5858.	5873.	
5877.	5875.	5872.	5870.	5869.	5879.	5896.	5913.	5932.	5940.	
5953.	6001.	6057.	6114.	6150.	6155.	6159.	6159.	6153.	6137.	
6109.	6073.	6036.	5873.	5627.	5416.	5324.	5307.	5288.	5269.	
5250.	5231.	5215.	5204.	5194.	5185.	5176.	5169.	5165.	5164.	
5165.	5167.	5172.	5177.	5184.	5191.	5200.	5209.	5220.	5232.	
5244.	5257.	5269.	5281.	5292.	5303.					
4952.	4950.	4946.	4941.	4935.	4930.	4925.	4919.	4914.	4910.	ROW 0106
4906.	4902.	4900.	4899.	4899.	4899.	4900.	4901.	4903.	4905.	
4907.	4908.	4909.	4908.	5044.	5261.	5490.	5616.	5634.	5656.	
5681.	5705.	5733.	5759.	5770.	5783.	5799.	5816.	5831.	5844.	
5851.	5854.	5852.	5851.	5851.	5851.	5863.	5884.	5908.	5926.	
5935.	5946.	6007.	6080.	6133.	6151.	6153.	6154.	6151.	6138.	
6111.	6075.	6037.	5878.	5642.	5424.	5308.	5291.	5274.	5255.	
5237.	5221.	5209.	5199.	5190.	5181.	5173.	5168.	5165.	5165.	
5167.	5170.	5175.	5181.	5188.	5196.	5204.	5214.	5224.	5236.	
5247.	5260.	5272.	5283.	5294.	-999.0					
4934.	4933.	4929.	4924.	4918.	4912.	4907.	4901.	4896.	4891.	ROW 0107
4887.	4884.	4882.	4881.	4881.	4881.	4881.	4882.	4884.	4886.	
4887.	4889.	4891.	4892.	4957.	5133.	5414.	5596.	5619.	5634.	
5660.	5685.	5708.	5735.	5755.	5766.	5777.	5791.	5805.	5816.	
5825.	5830.	5831.	5831.	5832.	5833.	5835.	5849.	5873.	5898.	
5914.	5928.	5980.	6051.	6113.	6145.	6148.	6147.	6144.	6132.	
6111.	6088.	6004.	5818.	5612.	5406.	5292.	5276.	5259.	5241.	
5225.	5213.	5203.	5194.	5185.	5177.	5170.	5166.	5164.	5165.	
5168.	5173.	5178.	5185.	5192.	5200.	5209.	5218.	5228.	5239.	
5251.	5263.	5274.	5286.	5296.	-999.0					
4915.	4914.	4911.	4907.	4901.	4895.	4888.	4883.	4877.	4873.	ROW 0108
4869.	4866.	4864.	4863.	4862.	4862.	4863.	4864.	4865.	4867.	
4869.	4871.	4872.	4874.	4876.	5012.	5277.	5513.	5606.	5621.	
5642.	5662.	5685.	5706.	5727.	5742.	5756.	5766.	5779.	5790.	
5798.	5805.	5809.	5809.	5811.	5814.	5818.	5821.	5838.	5863.	
5888.	5904.	5957.	6017.	6089.	6136.	6141.	6141.	6136.	6128.	
6117.	6079.	5963.	5762.	5565.	5375.	5276.	5261.	5244.	5229.	
5217.	5207.	5198.	5189.	5181.	5173.	5167.	5164.	5163.	5165.	
5169.	5175.	5181.	5188.	5196.	5204.	5213.	5222.	5232.	5243.	
5254.	5266.	5277.	5288.	5298.	-999.0					
4896.	4896.	4893.	4889.	4883.	4877.	4870.	4864.	4859.	4854.	ROW 0109
4850.	4847.	4845.	4844.	4843.	4843.	4844.	4845.	4847.	4848.	
4850.	4853.	4856.	4859.	4862.	4932.	5162.	5425.	5589.	5609.	
5625.	5638.	5661.	5682.	5699.	5718.	5738.	5744.	5753.	5764.	
5772.	5779.	5784.	5786.	5789.	5793.	5798.	5805.	5813.	5832.	
5857.	5877.	5889.	5956.	6040.	6108.	6134.	6135.	6131.	6124.	
6113.	6044.	5870.	5684.	5495.	5324.	5260.	5246.	5231.	5221.	
5211.	5201.	5192.	5184.	5176.	5169.	5165.	5162.	5163.	5165.	
5170.	5177.	5184.	5191.	5200.	5208.	5217.	5226.	5236.	5247.	
5258.	5269.	5280.	5290.	5300.	-999.0					
4877.	4876.	4874.	4870.	4865.	4859.	4852.	4845.	4839.	4835.	ROW 0110
4831.	4828.	4826.	4825.	4824.	4825.	4826.	4827.	4829.	4831.	
4833.	4836.	4840.	4844.	4848.	4852.	5006.	5290.	5518.	5597.	
5614.	5626.	5641.	5661.	5677.	5692.	5711.	5722.	5729.	5738.	
5747.	5754.	5759.	5763.	5766.	5771.	5777.	5785.	5796.	5812.	
5831.	5849.	5864.	5913.	5993.	6072.	6125.	6128.	6126.	6119.	
6079.	5942.	5778.	5595.	5395.	5264.	5249.	5235.	5224.	5214.	
5205.	5195.	5186.	5179.	5172.	5166.	5162.	5161.	5162.	5166.	
5171.	5178.	5186.	5194.	5203.	5212.	5221.	5230.	5240.	5251.	
5262.	5272.	5283.	5292.	5301.	-999.0					
4858.	4858.	4855.	4851.	4847.	4840.	4834.	4827.	4821.	4816.	ROW 0111
4812.	4808.	4806.	4805.	4805.	4806.	4807.	4808.	4811.	4814.	
4817.	4821.	4825.	4830.	4835.	4841.	4949.	5187.	5438.	5582.	
5601.	5614.	5622.	5637.	5655.	5670.	5686.	5703.	5707.	5714.	
5722.	5729.	5734.	5738.	5742.	5747.	5754.	5763.	5775.	5789.	

5805.	5822.	5833.	5857.	5932.	6008.	6084.	6103.	6099.	6076.	
6006.	5849.	5684.	5504.	5326.	5252.	5240.	5229.	5218.	5208.	
5198.	5189.	5181.	5174.	5168.	5163.	5160.	5159.	5162.	5166.	
5172.	5180.	5188.	5197.	5206.	5216.	5225.	5235.	5244.	5255.	
5265.	5276.	5286.	5296.	-999.0	-999.0					
4845.	4841.	4835.	4831.	4827.	4821.	4815.	4808.	4802.	4797.	ROW 0112
4792.	4788.	4786.	4784.	4784.	4785.	4787.	4789.	4792.	4796.	
4800.	4805.	4810.	4816.	4823.	4829.	4895.	5054.	5313.	5527.	
5590.	5602.	5611.	5617.	5634.	5648.	5660.	5676.	5685.	5690.	
5697.	5702.	5707.	5712.	5716.	5722.	5729.	5739.	5751.	5764.	
5778.	5791.	5799.	5799.	5857.	5930.	5987.	6030.	6026.	5989.	
5878.	5739.	5578.	5392.	5262.	5247.	5236.	5224.	5213.	5202.	
5192.	5184.	5176.	5169.	5164.	5160.	5158.	5158.	5161.	5167.	
5174.	5182.	5191.	5200.	5210.	5220.	5229.	5239.	5249.	5259.	
5269.	5280.	5290.	5298.	-999.0	-999.0					
4822.	4819.	4813.	4808.	4804.	4799.	4794.	4789.	4782.	4776.	ROW 0113
4771.	4767.	4764.	4762.	4762.	4763.	4765.	4769.	4773.	4778.	
4783.	4789.	4796.	4803.	4812.	4820.	4829.	4932.	5199.	5461.	
5576.	5588.	5598.	5605.	5616.	5627.	5636.	5650.	5665.	5668.	
5671.	5676.	5680.	5684.	5688.	5694.	5702.	5713.	5726.	5739.	
5752.	5763.	5770.	5773.	5796.	5856.	5894.	5911.	5898.	5849.	
5755.	5629.	5481.	5324.	5256.	5245.	5233.	5220.	5208.	5197.	
5187.	5178.	5171.	5164.	5160.	5157.	5155.	5157.	5161.	5167.	
5175.	5184.	5194.	5204.	5214.	5224.	5234.	5244.	5253.	5264.	
5274.	5284.	5294.	-999.0	-999.0	-999.0					
4799.	4796.	4790.	4784.	4779.	4775.	4771.	4766.	4760.	4754.	ROW 0114
4749.	4744.	4740.	4738.	4737.	4739.	4742.	4747.	4752.	4758.	
4765.	4773.	4781.	4791.	4801.	4813.	4826.	4843.	5057.	5352.	
5527.	5575.	5584.	5590.	5596.	5603.	5609.	5621.	5636.	5646.	
5646.	5649.	5652.	5657.	5662.	5667.	5676.	5689.	5702.	5715.	
5728.	5738.	5743.	5745.	5740.	5775.	5800.	5806.	5786.	5733.	
5646.	5530.	5381.	5272.	5258.	5245.	5231.	5217.	5204.	5193.	
5183.	5174.	5166.	5161.	5156.	5154.	5154.	5156.	5161.	5168.	
5177.	5187.	5197.	5208.	5219.	5229.	5239.	5249.	5259.	5269.	
5278.	5288.	5298.	-999.0	-999.0	-999.0					
4775.	4772.	4767.	4760.	4754.	4749.	4745.	4740.	4735.	4729.	ROW 0115
4723.	4718.	4714.	4712.	4712.	4714.	4718.	4724.	4731.	4738.	
4746.	4756.	4766.	4778.	4792.	4807.	4822.	4838.	4995.	5267.	
5482.	5560.	5569.	5576.	5578.	5580.	5582.	5592.	5599.	5610.	
5620.	5621.	5625.	5631.	5636.	5643.	5653.	5666.	5680.	5694.	
5707.	5715.	5719.	5718.	5713.	5705.	5702.	5710.	5688.	5635.	
5551.	5451.	5336.	5275.	5261.	5245.	5230.	5215.	5202.	5190.	
5179.	5170.	5163.	5158.	5154.	5153.	5153.	5157.	5162.	5170.	
5180.	5190.	5202.	5213.	5224.	5234.	5245.	5255.	5264.	5274.	
5283.	5292.	5300.	-999.0	-999.0	-999.0					
4750.	4749.	4744.	4737.	4730.	4723.	4717.	4711.	4706.	4700.	ROW 0116
4694.	4689.	4685.	4684.	4685.	4688.	4693.	4700.	4708.	4717.	
4727.	4738.	4751.	4766.	4783.	4802.	4822.	4840.	4944.	5197.	
5449.	5545.	5557.	5563.	5565.	5566.	5566.	5564.	5559.	5558.	
5570.	5591.	5599.	5607.	5609.	5616.	5628.	5643.	5659.	5676.	
5689.	5697.	5698.	5692.	5676.	5645.	5630.	5626.	5607.	5548.	
5459.	5381.	5311.	5287.	5267.	5248.	5231.	5215.	5201.	5188.	
5177.	5168.	5161.	5156.	5153.	5152.	5154.	5158.	5165.	5173.	
5184.	5195.	5207.	5219.	5230.	5241.	5251.	5261.	5271.	5280.	
5287.	5320.	5307.	-999.0	-999.0	-999.0					
4724.	4724.	4720.	4714.	4705.	4696.	4687.	4680.	4673.	4668.	ROW 0117
4662.	4657.	4653.	4653.	4655.	4659.	4666.	4675.	4684.	4695.	
4706.	4719.	4735.	4754.	4776.	4800.	4827.	4854.	4886.	5099.	
5411.	5534.	5547.	5552.	5552.	5550.	5545.	5536.	5521.	5510.	
5506.	5522.	5544.	5563.	5581.	5585.	5598.	5619.	5640.	5660.	
5676.	5684.	5682.	5671.	5650.	5625.	5604.	5579.	5548.	5477.	
5400.	5370.	5329.	5298.	5272.	5251.	5232.	5215.	5200.	5187.	
5176.	5168.	5161.	5156.	5154.	5154.	5156.	5161.	5168.	5178.	
5189.	5201.	5214.	5226.	5238.	5248.	5259.	5269.	5278.	5287.	
5296.	5306.	-999.0	-999.0	-999.0	-999.0					

4698.	4700.	4697.	4691.	4681.	4669.	4657.	4646.	4638.	4631.	ROW 0118
4625.	4620.	4617.	4618.	4622.	4628.	4637.	4647.	4659.	4671.	
4684.	4699.	4717.	4741.	4769.	4801.	4837.	4870.	4900.	5074.	
5397.	5530.	5543.	5544.	5540.	5533.	5525.	5511.	5495.	5476.	
5463.	5454.	5463.	5493.	5527.	5546.	5557.	5590.	5621.	5649.	
5670.	5679.	5672.	5653.	5630.	5608.	5586.	5557.	5516.	5471.	
5420.	5379.	5340.	5305.	5277.	5253.	5232.	5215.	5200.	5187.	
5177.	5168.	5161.	5157.	5156.	5156.	5160.	5165.	5173.	5183.	
5195.	5208.	5222.	5234.	5246.	5257.	5267.	5277.	5285.	5293.	
5302.	5304.	-999.0	-999.0	-999.0	-999.0					
4674.	4677.	4674.	4668.	4657.	4641.	4624.	4611.	4600.	4590.	ROW 0119
4583.	4578.	4576.	4578.	4585.	4594.	4605.	4618.	4631.	4645.	
4659.	4677.	4699.	4728.	4764.	4806.	4853.	4896.	4932.	5041.	
5397.	5535.	5547.	5541.	5530.	5516.	5501.	5472.	5448.	5429.	
5418.	5410.	5402.	5421.	5461.	5509.	5529.	5565.	5603.	5646.	
5677.	5683.	5669.	5644.	5624.	5603.	5580.	5554.	5518.	5477.	
5431.	5388.	5347.	5310.	5280.	5254.	5233.	5215.	5200.	5187.	
5178.	5170.	5164.	5160.	5159.	5161.	5165.	5171.	5180.	5190.	
5203.	5217.	5230.	5243.	5254.	5265.	5276.	5285.	5293.	5300.	
5306.	-999.0	-999.0	-999.0	-999.0	-999.0					
4656.	4655.	4651.	4643.	4633.	4609.	4589.	4573.	4559.	4548.	ROW 0120
4539.	4532.	4529.	4534.	4544.	4557.	4572.	4587.	4603.	4620.	
4635.	4655.	4681.	4715.	4760.	4814.	4876.	4934.	4990.	5050.	
5568.	5651.	5559.	5542.	5523.	5500.	5472.	5435.	5405.	5385.	
5369.	5366.	5362.	5358.	5389.	5445.	5501.	5536.	5585.	5659.	
5707.	5705.	5680.	5649.	5625.	5603.	5580.	5560.	5527.	5486.	
5440.	5393.	5352.	5314.	5282.	5255.	5233.	5214.	5200.	5188.	
5179.	5173.	5168.	5166.	5165.	5167.	5172.	5179.	5188.	5198.	
5211.	5226.	5239.	5251.	5263.	5274.	5284.	5293.	5301.	5306.	
5306.	-999.0	-999.0	-999.0	-999.0	-999.0					

APPENDIX G

EXISTING AND PROPOSED LVVWD PUMPING

LAYER	ROW	COL	RATE (CFD)	TYPE
1	44	7	-2386.8	Existing Pumping Cell
1	35	5	-4773.7	Existing Pumping Cell
1	41	7	-5370.4	Existing Pumping Cell
1	2	10	-6921.9	Existing Pumping Cell
1	29	7	-9547.4	Existing Pumping Cell
1	18	8	-9786.1	Existing Pumping Cell
1	49	7	-11934.2	Existing Pumping Cell
1	1	10	-12411.6	Existing Pumping Cell
1	19	4	-12889.0	Existing Pumping Cell
1	7	4	-15514.5	Existing Pumping Cell
1	48	7	-17901.4	Existing Pumping Cell
1	2	4	-20884.9	Existing Pumping Cell
1	6	4	-20884.9	Existing Pumping Cell
1	2	9	-22675.1	Existing Pumping Cell
1	41	8	-23868.5	Existing Pumping Cell
1	42	7	-26255.3	Existing Pumping Cell
1	1	9	-30193.6	Existing Pumping Cell
1	36	4	-33415.9	Existing Pumping Cell
1	47	7	-35802.7	Existing Pumping Cell
1	25	7	-38189.6	Existing Pumping Cell
1	36	5	-42963.3	Existing Pumping Cell
1	86	16	-2625.5	Existing Pumping Cell
1	115	24	-5489.8	Existing Pumping Cell
1	98	29	-11934.2	Existing Pumping Cell
1	94	28	-47737.0	Existing Pumping Cell
1	95	27	-47737.0	Existing Pumping Cell
1	96	27	-47737.0	Existing Pumping Cell
1	82	23	-59671.2	Existing Pumping Cell
1	96	28	-107408.2	Existing Pumping Cell
1	78	23	-119342.5	Existing Pumping Cell
1	79	23	-119342.5	Existing Pumping Cell
1	93	28	-119342.5	Existing Pumping Cell
1	96	29	-119342.5	Existing Pumping Cell
1	95	28	-155145.2	Existing Pumping Cell
1	97	29	-238684.9	Existing Pumping Cell
1	42	22	-11934.2	Existing Pumping Cell
1	28	18	-23868.5	Existing Pumping Cell
1	31	19	-23868.5	Existing Pumping Cell
1	38	27	-23868.5	Existing Pumping Cell
1	39	22	-23868.5	Existing Pumping Cell
1	40	22	-23868.5	Existing Pumping Cell
1	41	22	-23868.5	Existing Pumping Cell
1	68	31	-23868.5	Existing Pumping Cell
1	51	23	-35802.7	Existing Pumping Cell
1	61	27	-35802.7	Existing Pumping Cell

1	67	31	-35802.7	Existing Pumping Cell
1	36	21	-47737.0	Existing Pumping Cell
1	45	23	-47737.0	Existing Pumping Cell
1	61	29	-47737.0	Existing Pumping Cell
1	62	28	-47737.0	Existing Pumping Cell
1	37	21	-59671.2	Existing Pumping Cell
1	46	23	-71605.5	Existing Pumping Cell
1	62	29	-71605.5	Existing Pumping Cell
1	65	30	-119342.5	Existing Pumping Cell
1	64	30	-131276.7	Existing Pumping Cell
1	61	28	-143211.0	Existing Pumping Cell
1	120	43	-35802.7	Existing Pumping Cell
1	120	44	-155145.2	Existing Pumping Cell
1	119	44	-238684.9	Existing Pumping Cell
1	118	45	-26852.1	Existing Pumping Cell
1	117	45	-26852.1	Existing Pumping Cell
1	114	46	-23868.5	Existing Pumping Cell
1	110	49	-11934.2	Existing Pumping Cell
1	107	48	-23868.5	Existing Pumping Cell
1	108	48	-23868.5	Existing Pumping Cell
1	105	47	-35802.7	Existing Pumping Cell
1	113	34	-5967.1	Existing Pumping Cell
1	113	36	-5967.1	Existing Pumping Cell
1	113	35	-47737.0	Existing Pumping Cell
1	85	5	-11934.2	Existing Pumping Cell
1	68	3	-17901.4	Existing Pumping Cell
1	69	3	-23868.5	Existing Pumping Cell
1	72	3	-23868.5	Existing Pumping Cell
1	72	4	-23868.5	Existing Pumping Cell
1	94	8	-23868.5	Existing Pumping Cell
1	69	2	-41769.9	Existing Pumping Cell
1	81	4	-47737.0	Existing Pumping Cell
1	68	2	-65638.4	Existing Pumping Cell
1	69	4	-71605.5	Existing Pumping Cell
1	68	4	-83539.7	Existing Pumping Cell
1	70	4	-95474.0	Existing Pumping Cell
1	70	3	-119342.5	Existing Pumping Cell
1	71	3	-131276.7	Existing Pumping Cell
1	71	4	-131276.7	Existing Pumping Cell
1	3	33	-11934.2	Existing Pumping Cell
1	4	37	-11934.2	Existing Pumping Cell
1	2	34	-35802.7	Existing Pumping Cell
1	73	43	-2386.8	Existing Pumping Cell
1	56	43	-5967.1	Existing Pumping Cell
1	72	44	-5967.1	Existing Pumping Cell
1	99	54	-5967.1	Existing Pumping Cell
1	102	55	-5967.1	Existing Pumping Cell
1	3	49	-8354.0	Existing Pumping Cell

1	73	44	-8354.0	Existing Pumping Cell
1	55	40	-9547.4	Existing Pumping Cell
1	68	46	-11934.2	Existing Pumping Cell
1	52	43	-14917.8	Existing Pumping Cell
1	56	41	-14917.8	Existing Pumping Cell
1	59	45	-15514.5	Existing Pumping Cell
1	6	49	-16707.9	Existing Pumping Cell
1	44	44	-16707.9	Existing Pumping Cell
1	17	46	-17901.4	Existing Pumping Cell
1	60	45	-17901.4	Existing Pumping Cell
1	64	47	-17901.4	Existing Pumping Cell
1	65	47	-17901.4	Existing Pumping Cell
1	68	47	-19094.8	Existing Pumping Cell
1	50	47	-20288.2	Existing Pumping Cell
1	59	46	-20288.2	Existing Pumping Cell
1	56	42	-22078.4	Existing Pumping Cell
1	60	46	-23868.5	Existing Pumping Cell
1	20	38	-27448.8	Existing Pumping Cell
1	36	43	-27448.8	Existing Pumping Cell
1	67	47	-27448.8	Existing Pumping Cell
1	49	47	-31029.0	Existing Pumping Cell
1	55	42	-31029.0	Existing Pumping Cell
1	51	43	-31625.8	Existing Pumping Cell
1	66	47	-32222.5	Existing Pumping Cell
1	49	46	-33415.9	Existing Pumping Cell
1	48	46	-35802.7	Existing Pumping Cell
1	55	41	-41769.9	Existing Pumping Cell
1	13	49	-47737.0	Existing Pumping Cell
1	5	49	-59671.2	Existing Pumping Cell
1	51	44	-81749.6	Existing Pumping Cell
1	4	49	-119342.5	Existing Pumping Cell
1	76	61	-596.7	Existing Pumping Cell
1	83	81	-1193.4	Existing Pumping Cell
1	70	81	-9547.4	Existing Pumping Cell
1	80	80	-9547.4	Existing Pumping Cell
1	25	66	-3580.3	Existing Pumping Cell
1	16	73	-596.7	Existing Pumping Cell
1	18	69	-596.7	Existing Pumping Cell
1	114	70	-17156.0	Existing Pumping Cell
1	120	74	-17325.3	Existing Pumping Cell
1	119	66	-21021.2	Existing Pumping Cell
1	118	71	-26581.7	Existing Pumping Cell
1	118	73	-26670.5	Existing Pumping Cell
1	112	73	-31171.1	Existing Pumping Cell
1	119	78	-33843.2	Existing Pumping Cell
1	120	71	-36620.7	Existing Pumping Cell
1	120	68	-40358.2	Existing Pumping Cell
1	120	78	-42292.2	Existing Pumping Cell

1	119	71	-55866.1	Existing Pumping Cell
1	120	66	-60405.5	Existing Pumping Cell
1	119	79	-61085.3	Existing Pumping Cell
1	120	73	-73291.3	Existing Pumping Cell
1	118	72	-79581.5	Existing Pumping Cell
1	120	67	-117387.0	Existing Pumping Cell
1	115	4	-134260.3	LVVWD Well App. No. 53956
2	112	2	-223767.1	LVVWD Well App. No. 53958
1	97	14	-89506.8	LVVWD Well App. No. 53987
2	93	13	-149178.1	LVVWD Well App. No. 53988
1	57	28	-284148.6	LVVWD Well App. No. 54010
1	72	25	-284148.6	LVVWD Well App. No. 54007
1	49	26	-284148.6	LVVWD Well App. No. 54016
1	80	34	-284148.6	LVVWD Well App. No. 54004
1	84	35	-284148.6	LVVWD Well App. No. 54003
1	78	31	-284148.6	LVVWD Well App. No. 54005
1	75	32	-284148.6	LVVWD Well App. No. 54006
1	68	25	-284148.6	LVVWD Well App. No. 54008
1	53	21	-284148.6	LVVWD Well App. No. 54013
1	46	23	-284148.6	LVVWD Well App. No. 54018
1	48	21	-284148.6	LVVWD Well App. No. 54017
1	50	21	-284148.6	LVVWD Well App. No. 54014
1	58	23	-284148.6	LVVWD Well App. No. 54015
1	62	25	-284148.6	LVVWD Well App. No. 54009
1	55	23	-284148.6	LVVWD Well App. No. 54011
2	47	23	-473581.2	LVVWD Well App. No. 54021
2	82	34	-473581.2	LVVWD Well App. No. 54019
2	55	28	-473581.2	LVVWD Well App. No. 54020
1	55	26	-284148.6	LVVWD Well App. No. 54012
1	117	38	-89506.8	LVVWD Well App. No. 54032
1	113	35	-89506.8	LVVWD Well App. No. 54031
2	114	43	-149178.1	LVVWD Well App. No. 54034
2	108	38	-149178.1	LVVWD Well App. No. 54033
1	114	13	-57746.4	LVVWD Well App. No. 54043
1	116	15	-96243.9	LVVWD Well App. No. 54044
2	117	13	-57746.4	LVVWD Well App. No. 54048
1	59	44	-255733.9	LVVWD Well App. No. 54023
1	70	43	-255733.9	LVVWD Well App. No. 54030
1	73	45	-255733.9	LVVWD Well App. No. 54025
1	66	45	-255733.9	LVVWD Well App. No. 54024
1	56	40	-255733.9	LVVWD Well App. No. 54022
2	54	37	-426223.1	LVVWD Well App. No. 54026
2	58	41	-426223.1	LVVWD Well App. No. 54027
2	63	43	-426223.1	LVVWD Well App. No. 54028
2	67	42	-426223.1	LVVWD Well App. No. 54029

APPENDIX H

MODELED STEADY-STATE
DRAWDOWNS WITH
PUMPING

APPENDIXH - Steady-State Drawdowns with Pumping - Layer 1

H-1

-999.0	-999.0	-999.0	1.516	0.7021	1.452	2.023	6.235	15.96	13.64	ROW 0 1
4.593	1.690	1.446	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.2661	1.217	2.354	2.685	1.587	1.711	0.8257	0.6133	0.4375	-999.0	
-999.0	-999.0	-999.0	0.7422	1.863	2.774	3.318	5.522	6.292	4.910	
4.375	4.110	3.253	2.213	2.125	2.122	1.717	0.9946	0.7715	-999.0	
-999.0	0.3164	0.6416	4.7852E-02	0.4712	0.6069	0.4561	0.4795	0.2456	0.1050	
0.5137	7.1777E-02	0.1265	0.2471	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	4.048	11.06	1.802	1.624	2.619	6.879	16.06	14.96	ROW 0 2
-999.0	-999.0	-999.0	2.857	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	0.5308	1.799	2.015	-999.0	-999.0	-999.0	3.573	3.515	-999.0	
2.512	-999.0	5.609	7.462	3.710	2.692	1.353	1.610	1.184	-999.0	
-999.0	-999.0	-999.0	-999.0	4.780	5.863	7.791	11.39	11.54	9.918	
7.937	6.430	5.198	4.694	4.052	3.640	2.986	3.147	2.384	1.615	
0.4888	0.5225	0.6772	0.7266	0.4653	0.9858	0.8130	1.080	0.6685	0.4673	
0.2676	0.5029	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	2.820	2.226	1.291	1.380	2.246	4.618	7.537	6.685	ROW 0 3
-999.0	-999.0	-999.0	3.074	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.1641	1.828	3.245	2.955	3.218	2.809	3.323	2.958	2.918	2.688	
3.524	3.747	6.063	4.947	3.489	2.853	2.714	1.766	1.566	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	7.886	10.92	17.40	20.95	15.05	
11.30	7.921	6.440	5.663	4.513	4.505	3.870	3.716	2.068	2.154	
-999.0	-999.0	0.7500	0.3721	0.7983	0.4326	-999.0	-999.0	-999.0	0.5151	
0.5220	0.2920	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	2.385	1.802	1.348	2.217	2.244	3.440	4.491	4.652	ROW 0 4
-999.0	-999.0	-999.0	3.240	-999.0	-999.0	3.343	-999.0	-999.0	-999.0	
-999.0	3.605	2.881	3.534	3.458	3.732	3.556	3.671	3.132	3.167	
2.793	3.385	4.848	3.683	3.365	3.288	3.895	2.495	1.771	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	9.149	13.87	24.60	38.76	20.12	
13.69	9.422	7.443	6.081	5.152	5.059	3.909	3.611	2.582	2.330	
-999.0	-999.0	0.1396	0.9111	0.5591	1.234	-999.0	-999.0	-999.0	-999.0	
0.6826	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	2.214	3.227	1.685	1.830	2.207	3.157	3.411	2.990	ROW 0 5
-999.0	-999.0	-999.0	3.809	3.805	3.683	3.927	-999.0	-999.0	-999.0	
-999.0	3.045	3.653	3.974	3.928	3.911	3.736	3.000	3.712	3.665	
3.799	3.823	3.333	3.627	2.878	3.656	2.744	2.134	2.358	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	9.920	13.76	22.57	32.15	19.76	
14.04	10.17	7.968	6.934	6.046	4.716	3.917	3.646	3.055	-999.0	
-999.0	-999.0	0.8110	0.7510	0.6553	1.490	1.504	0.7720	-999.0	-999.0	
1.495	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	2.022	6.848	3.243	2.245	1.694	2.161	2.855	2.598	ROW 0 6
-999.0	-999.0	-999.0	3.639	3.245	3.499	4.090	-999.0	-999.0	-999.0	
-999.0	-999.0	3.394	4.129	3.600	3.965	3.913	3.210	3.937	3.091	
3.300	2.976	3.686	3.007	2.781	3.377	2.631	2.391	2.648	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	9.033	12.08	18.64	21.91	16.33	
12.40	9.748	7.496	6.630	5.392	5.308	5.025	3.717	3.034	-999.0	
-999.0	-999.0	1.106	1.363	0.8369	1.087	1.654	1.477	1.704	1.739	
1.440	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	2.076	3.033	4.522	2.728	1.680	1.913	1.885	2.643	2.944	ROW 0 7
-999.0	-999.0	3.312	3.620	3.235	3.963	3.708	-999.0	-999.0	-999.0	
-999.0	-999.0	4.123	3.922	3.883	3.709	4.150	3.523	3.353	3.224	
3.452	3.123	3.016	3.208	2.699	2.438	2.969	2.151	2.370	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	11.00	13.82	14.09	13.22	

APPENDIXH - Steady-State Drawdowns with Pumping- Layer 1

H-2

10.43	8.938	7.385	6.176	5.843	5.395	4.286	4.133	3.688	-999.0	
-999.0	-999.0	0.8247	1.495	0.9468	1.445	1.236	1.613	1.230	1.368	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	1.353	2.123	2.332	1.745	1.461	1.667	1.563	2.439	-999.0	ROW 0 8
-999.0	-999.0	3.438	3.548	3.211	3.609	3.388	-999.0	-999.0	-999.0	
-999.0	-999.0	4.378	3.582	3.828	4.205	4.039	3.610	3.936	3.841	
3.846	3.352	3.078	3.490	3.412	3.001	3.124	2.811	2.867	3.182	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	9.418	10.57	10.72	10.35	
8.918	8.307	6.843	6.299	5.474	5.313	4.630	4.091	3.800	-999.0	
-999.0	-999.0	1.932	1.726	1.342	1.845	1.547	1.205	1.515	1.566	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	1.387	1.710	1.547	1.446	1.842	1.435	1.702	2.443	-999.0	ROW 0 9
-999.0	-999.0	2.417	3.212	3.046	3.861	4.074	-999.0	-999.0	-999.0	
-999.0	4.195	4.279	4.197	3.622	3.734	3.642	3.826	4.240	-999.0	
3.394	3.148	3.442	3.582	3.327	3.436	3.086	2.164	3.177	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	8.862	9.544	9.503	9.429	
8.049	7.538	7.044	6.305	5.656	5.470	4.328	3.681	3.992	2.917	
-999.0	-999.0	1.678	2.006	1.770	1.781	1.358	1.725	1.901	1.247	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	1.300	1.105	0.8672	0.8760	1.388	1.494	1.647	-999.0	-999.0	ROW 0 10
-999.0	-999.0	2.368	2.509	3.354	3.015	3.860	-999.0	-999.0	-999.0	
-999.0	4.439	4.503	4.221	4.145	4.672	3.808	4.500	-999.0	-999.0	
3.810	3.825	-999.0	-999.0	3.806	-999.0	-999.0	2.656	3.155	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	6.902	8.984	8.988	8.836	8.523	
7.775	7.449	6.490	5.726	5.497	5.160	4.495	4.216	3.283	3.201	
-999.0	-999.0	-999.0	2.118	2.582	2.052	2.196	2.053	2.225	1.550	
1.891	1.435	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.3994	1.229	1.081	1.334	1.116	1.102	1.057	1.401	-999.0	-999.0	ROW 0 11
-999.0	1.911	2.740	1.822	2.640	2.672	3.400	-999.0	-999.0	-999.0	
-999.0	4.098	4.224	4.002	4.517	4.476	3.957	4.621	4.953	4.565	
-999.0	3.710	-999.0	-999.0	-999.0	-999.0	-999.0	3.895	3.703	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	8.154	8.419	9.005	8.737	9.045	
7.651	7.242	6.625	5.856	5.661	4.543	4.651	3.687	4.081	3.633	
-999.0	-999.0	-999.0	2.159	2.310	2.610	2.388	1.695	2.377	1.519	
2.275	1.276	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.3657	1.119	0.6084	0.6846	0.5967	1.004	1.237	-999.0	-999.0	-999.0	ROW 0 12
-999.0	2.339	2.218	1.687	2.531	2.754	-999.0	-999.0	-999.0	4.063	
4.550	4.218	3.890	4.355	4.789	4.442	4.689	4.840	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	5.988	7.561	8.151	9.131	10.68	9.111	
7.766	7.196	6.327	5.864	4.867	4.796	3.586	3.990	3.278	3.333	
-999.0	-999.0	-999.0	2.359	2.707	2.769	2.095	1.822	2.015	1.722	
2.187	2.162	1.630	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.6328	0.2881	0.4277	0.8188	0.7759	1.170	1.780	-999.0	-999.0	-999.0	ROW 0 13
-999.0	2.591	1.604	1.500	1.775	2.617	-999.0	-999.0	-999.0	-999.0	
4.079	4.810	4.892	4.258	4.335	4.392	4.209	4.953	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	6.779	7.748	8.934	10.21	15.81	10.41	
8.017	6.612	5.436	5.014	4.031	4.501	4.022	4.113	3.513	3.034	
3.309	-999.0	-999.0	-999.0	2.229	2.622	2.312	2.434	2.005	2.146	
2.099	1.869	1.624	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

APPENDIXH - Steady-State Drawdowns with Pumping- Layer 1

H-3

-5.4688E-02	0.1768	1.147	1.191	1.426	1.288	1.541	1.719	-999.0	-999.0	ROW 0 14
-999.0	1.971	2.493	2.217	2.529	-999.0	3.541	-999.0	-999.0	-999.0	
4.447	3.849	3.970	4.870	5.042	4.849	4.437	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	6.429	7.498	7.551	9.030	9.594	8.841	
7.177	5.891	5.311	4.505	3.821	4.157	3.753	3.372	3.884	3.738	
3.223	-999.0	-999.0	-999.0	2.997	2.250	2.168	2.554	2.350	1.897	
2.203	1.289	1.320	1.596	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.5508	1.011	0.5386	0.8706	1.712	1.681	1.292	2.346	-999.0	-999.0	ROW 0 15
-999.0	1.874	2.682	2.017	2.446	3.238	2.895	-999.0	-999.0	3.637	
4.378	4.594	4.680	4.107	4.841	4.287	5.160	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	6.775	7.151	6.909	7.785	7.933	6.445	
5.810	5.114	4.183	4.126	3.520	-999.0	-999.0	3.654	3.158	3.244	
3.336	-999.0	-999.0	-999.0	2.685	2.757	1.830	2.310	2.297	2.004	
1.589	2.086	1.755	1.031	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.5645	0.8882	1.023	1.473	1.247	2.025	2.145	2.017	-999.0	-999.0	ROW 0 16
-999.0	2.757	2.315	-999.0	2.643	3.366	3.603	-999.0	-999.0	3.829	
3.801	3.627	3.706	4.614	4.963	4.425	5.322	5.940	5.211	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	7.293	7.242	7.857	6.943	6.366	5.880	6.038	
5.561	4.400	4.064	3.149	-999.0	-999.0	-999.0	-999.0	3.044	2.627	
3.358	3.042	-999.0	-999.0	2.243	2.349	2.389	1.853	1.834	1.548	
1.417	2.251	2.099	1.133	0.9033	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.6348	0.9756	0.5625	1.544	1.193	1.894	2.223	3.494	-999.0	-999.0	ROW 0 17
-999.0	-999.0	3.045	-999.0	1.656	-999.0	3.623	-999.0	-999.0	4.173	
4.211	4.010	4.193	4.307	4.324	4.001	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	7.406	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	7.968	8.264	10.26	8.142	6.513	5.595	5.329	
4.128	3.559	2.974	-999.0	-999.0	-999.0	-999.0	-999.0	2.954	2.721	
3.067	2.446	-999.0	-999.0	2.250	2.410	2.588	1.974	1.632	2.413	
1.512	1.647	2.005	1.826	1.512	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.5098	0.9341	1.317	1.551	1.988	2.122	3.010	4.296	3.459	-999.0	ROW 0 18
-999.0	-999.0	2.628	-999.0	1.830	2.540	-999.0	-999.0	-999.0	3.394	
4.264	3.818	-999.0	3.956	4.216	3.984	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	6.710	7.755	7.308	9.403	13.19	-999.0	-999.0	-999.0	
-999.0	8.864	9.412	8.877	8.268	8.455	7.213	5.978	5.096	3.975	
2.853	2.967	1.982	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	2.589	
2.205	2.473	-999.0	2.220	2.913	-999.0	-999.0	2.002	2.726	2.001	
2.239	1.472	-999.0	-999.0	1.448	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	1.933	3.937	2.442	2.653	2.645	3.297	2.636	-999.0	ROW 0 19
-999.0	-999.0	-999.0	-999.0	2.380	1.854	-999.0	-999.0	-999.0	3.432	
4.207	-999.0	-999.0	4.374	4.155	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	11.76	15.85	21.15	15.29	12.23	
11.19	10.05	8.839	8.861	8.654	7.531	6.862	5.729	4.599	3.246	
2.578	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.645	1.628	1.609	2.121	1.999	-999.0	-999.0	-999.0	2.451	1.725	
1.690	-999.0	-999.0	0.8286	1.037	1.538	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	2.226	1.855	2.619	2.916	2.859	3.305	2.575	ROW 0 20
-999.0	-999.0	-999.0	-999.0	2.918	1.916	3.658	3.308	-999.0	-999.0	
4.391	-999.0	-999.0	3.567	3.708	4.021	3.883	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	62.16	19.07	12.59	
10.08	9.677	9.011	9.040	8.747	7.964	7.088	5.812	-999.0	-999.0	

APPENDIXH - Steady-State Drawdowns with Pumping - Layer 1

H-4

-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	0.8462	-999.0	-999.0	-999.0	
-999.0	1.429	1.145	2.119	1.948	-999.0	-999.0	-999.0	-999.0	1.175	
1.508	1.332	1.597	0.8887	0.5005	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	1.355	1.406	2.201	2.824	2.399	3.179	-999.0	ROW 0 21
-999.0	-999.0	-999.0	-999.0	3.825	3.310	2.789	3.299	3.889	-999.0	
4.477	-999.0	-999.0	-999.0	-999.0	-999.0	3.397	4.221	3.857	4.151	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	12.54	11.38	
10.46	9.974	9.984	8.915	8.468	7.685	7.670	6.016	4.314	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	0.4824	-999.0	-999.0	-999.0	
-999.0	1.038	0.4893	0.7651	1.756	1.896	-999.0	-999.0	-999.0	1.562	
1.861	0.9404	1.326	1.110	0.2896	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	2.251	2.324	3.199	2.894	3.013	2.802	ROW 0 22
-999.0	-999.0	-999.0	-999.0	4.012	3.903	3.450	4.398	3.917	-999.0	
4.688	4.051	-999.0	-999.0	-999.0	-999.0	4.003	4.209	3.572	4.174	
-999.0	4.710	4.918	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	9.624	
9.523	9.928	9.102	8.997	9.146	8.539	7.566	6.293	-999.0	-999.0	
-999.0	-999.0	0.9312	-999.0	0.7256	0.3252	0.1938	-999.0	-0.4121	-0.6689	
0.3496	-3.2715E-02	0.3535	0.7607	1.294	1.305	1.922	-999.0	-999.0	1.801	
1.419	0.4849	0.7842	0.2197	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	2.135	2.043	3.491	3.482	3.563	-999.0	ROW 0 23
-999.0	-999.0	-999.0	-999.0	4.215	4.293	3.938	4.201	4.354	4.643	
4.938	4.653	-999.0	-999.0	-999.0	3.805	4.106	4.096	4.121	3.691	
3.869	4.713	4.620	4.753	-999.0	-999.0	-999.0	-999.0	-999.0	8.909	
9.376	8.891	8.844	9.362	9.001	8.521	8.338	6.647	-999.0	-999.0	
-999.0	-999.0	1.611	1.292	1.155	0.1187	0.1309	-0.5806	-0.4673	-0.2852	
-0.1865	5.4199E-02	0.3564	0.7998	0.4971	0.5581	0.8667	-999.0	-999.0	-999.0	
-4.1992E-02	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	2.530	3.522	4.377	4.018	3.570	-999.0	ROW 0 24
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4.114	4.688	5.164	4.823	
4.617	4.586	4.912	-999.0	-999.0	3.723	3.759	4.602	4.266	-999.0	
3.989	4.179	4.750	-999.0	-999.0	-999.0	-999.0	-999.0	7.542	8.386	
7.920	8.339	8.646	8.142	8.657	8.738	8.354	7.361	6.844	-999.0	
-999.0	-999.0	-999.0	1.311	0.7803	0.1260	-9.1309E-02	-0.2529	-1.113	-0.1699	
-8.1055E-02	-5.4199E-02	0.2158	0.2012	9.6680E-02	1.286	1.049	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	2.852	3.226	3.977	8.328	4.957	4.351	-999.0	ROW 0 25
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5.053	5.327	4.753	
5.502	4.853	4.797	4.709	4.884	3.901	4.399	3.984	-999.0	-999.0	
4.320	4.852	5.008	4.756	4.902	-999.0	-999.0	6.697	6.912	7.249	
7.474	7.760	8.256	7.822	8.070	8.016	7.859	7.447	7.334	-999.0	
-999.0	-999.0	-999.0	-999.0	0.9380	0.8447	-0.2866	-0.4849	-0.7188	-0.4546	
-1.092	-0.8418	-0.2080	-0.1753	0.5781	1.505	1.258	0.9141	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	2.562	2.788	3.272	3.765	3.585	3.724	3.088	ROW 0 26
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6.410	6.075	5.774	
5.453	4.782	5.210	4.796	4.183	4.124	3.946	4.563	-999.0	-999.0	
4.426	-999.0	-999.0	-999.0	4.747	4.979	-999.0	6.023	6.063	6.211	
7.171	6.859	7.232	7.577	7.400	7.882	8.114	8.766	8.761	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	1.398	0.5439	-0.8491	-0.2368	-0.7866	
-0.4058	-1.153	-0.1895	0.1772	-0.2827	-3.1250E-02	0.3843	0.6807	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

-999.0	-999.0	-999.0	2.445	2.760	2.427	3.215	3.467	3.798	3.149	ROW 0 27
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	8.197	6.530	6.397	
5.690	5.369	5.400	4.889	4.566	4.450	4.674	4.485	-999.0	-999.0	
5.032	-999.0	-999.0	-999.0	-999.0	5.551	-999.0	5.584	5.855	5.937	
6.321	6.438	6.358	6.695	7.474	7.485	-999.0	8.659	8.622	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	0.7583	0.2700	3.2227E-02	-0.4678	
-0.3574	-0.7593	-0.3232	-0.4365	-1.1230E-02	-7.2754E-02	0.6294	0.5508	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	2.069	2.579	2.040	3.235	3.160	3.236	-999.0	ROW 0 28
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	27.89	7.897	6.375	
5.852	4.729	4.531	4.851	4.462	4.254	-999.0	4.511	-999.0	-999.0	
5.126	-999.0	-999.0	-999.0	-999.0	5.165	-999.0	5.516	5.741	5.415	
5.541	5.534	6.826	6.979	6.464	7.986	-999.0	8.831	-999.0	10.02	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	0.7920	0.8301	-0.4092	8.6914E-02	
-0.1855	-0.8638	-0.6001	-0.2139	-0.2266	-9.9609E-02	0.3423	0.3228	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	1.578	1.995	1.684	2.289	2.076	3.942	3.295	3.460	3.859	ROW 0 29
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	11.50	7.698	6.311	
5.597	5.006	4.287	5.116	4.226	4.875	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	5.263	5.126	5.501	5.220	5.811	
5.708	5.929	5.573	6.565	6.639	6.954	-999.0	8.221	-999.0	9.871	
10.26	-999.0	-999.0	-999.0	-999.0	-999.0	2.195	0.6665	0.8916	0.3672	
0.1025	-0.6475	0.2324	-0.2764	-0.2969	0.1567	0.8770	0.3232	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	2.047	2.092	1.726	2.222	1.834	2.213	2.830	2.986	3.437	ROW 0 30
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	7.675	5.576	
4.577	4.960	4.448	4.688	4.233	4.769	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	5.822	-999.0	5.640	5.058	4.836	
5.253	5.435	5.348	6.223	5.862	6.056	7.087	7.492	-999.0	-999.0	
9.975	10.55	-999.0	-999.0	-999.0	-999.0	2.453	2.228	1.832	0.9292	
0.8672	-2.2461E-02	0.5010	0.1641	-3.3203E-02	0.2070	0.6787	0.3330	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	1.585	1.711	2.427	1.874	2.397	2.994	3.348	3.677	ROW 0 31
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	15.60	5.091	
4.356	4.058	3.426	3.780	4.502	4.887	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	6.625	-999.0	5.190	4.928	5.703	
4.646	4.538	5.076	6.173	5.687	6.628	6.727	5.887	5.396	-999.0	
-999.0	11.20	-999.0	-999.0	-999.0	-999.0	4.095	2.783	2.750	1.919	
1.560	1.471	1.199	0.7144	0.7480	1.269	0.8101	0.5571	1.057	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	2.030	2.206	1.981	1.938	2.320	3.466	3.454	4.298	-999.0	ROW 0 32
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6.849	3.811	
3.489	3.638	4.219	4.167	4.951	5.060	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6.135	6.123	5.976	
5.063	5.500	5.374	5.507	6.113	5.838	6.176	5.880	3.851	-999.0	
-999.0	10.94	11.98	-999.0	-999.0	7.464	5.444	3.883	3.510	2.734	
2.704	1.571	1.729	0.9902	0.9487	1.388	0.9199	1.471	1.777	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	2.084	2.306	2.786	2.974	3.275	4.264	4.202	4.778	-999.0	ROW 0 33
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5.226	3.277	
3.404	3.266	3.988	4.039	5.075	6.108	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	7.010	6.682	6.017	6.244	
6.029	5.909	5.913	6.364	6.198	6.397	6.024	6.474	6.997	8.132	

APPENDIXH - Steady-State Drawdowns with Pumping- Layer 1

H-6

-999.0	10.66	11.86	-999.0	-999.0	8.107	7.135	5.298	4.482	3.693	
3.382	3.059	2.234	2.338	2.150	2.301	1.572	1.662	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	3.309	3.068	3.833	5.306	5.264	5.002	5.238	5.114	4.962	ROW 0 34
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5.630	3.631	
4.559	4.924	4.753	5.324	6.919	7.927	8.918	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	7.385	7.009	6.917	6.438	
6.552	7.082	7.353	6.926	6.876	6.326	6.030	6.205	7.001	8.850	
10.24	11.39	12.08	-999.0	-999.0	9.745	8.958	7.271	4.990	4.878	
4.312	3.910	3.387	3.763	2.787	2.511	2.599	2.167	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	5.511	7.304	7.558	6.150	4.981	5.440	4.794	5.396	ROW 0 35
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4.012	
8.578	6.923	5.667	6.287	7.961	9.548	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	7.103	7.859	
7.493	8.516	8.486	7.864	7.740	7.179	7.098	7.548	8.401	8.947	
10.75	11.86	-999.0	-999.0	-999.0	-999.0	10.52	8.766	7.163	5.506	
5.858	4.913	4.655	4.681	4.540	4.059	3.756	3.387	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	8.102	14.12	13.61	6.603	5.512	5.840	5.262	5.340	ROW 0 36
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	5.988	
19.12	10.38	7.771	6.896	9.642	12.25	15.46	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	8.177	
9.117	9.904	12.62	8.794	7.618	7.050	6.835	7.880	8.486	9.324	
10.98	12.89	13.79	-999.0	14.27	13.47	12.32	-999.0	8.527	7.701	
6.537	6.286	6.027	6.365	4.970	4.698	4.356	3.518	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.9302	-999.0	-999.0	9.410	-999.0	5.031	4.845	5.607	6.014	6.156	ROW 0 37
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	7.006	
23.89	12.55	9.452	8.991	10.34	14.06	19.41	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	9.363	
9.952	9.642	10.46	8.650	7.823	7.425	7.954	7.739	9.396	10.04	
11.12	13.47	-999.0	15.32	14.67	-999.0	-999.0	-999.0	-999.0	-999.0	
9.233	8.403	7.538	7.395	7.266	6.623	5.647	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.050	-999.0	-999.0	-999.0	-999.0	-999.0	4.930	6.644	6.420	-999.0	ROW 0 38
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	15.77	
15.06	13.28	10.97	10.66	12.36	15.90	26.35	29.26	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	10.71	
10.09	10.20	10.58	9.049	8.377	7.784	8.079	8.625	10.48	10.73	
12.08	13.51	-999.0	16.39	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
10.77	9.861	9.136	9.071	8.470	7.296	6.326	4.814	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.393	4.624	-999.0	-999.0	-999.0	-999.0	6.312	6.945	7.581	-999.0	ROW 0 39
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
20.49	20.91	15.89	14.71	15.24	19.02	25.10	32.50	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
10.86	10.76	10.54	9.732	9.310	9.143	8.963	9.363	10.74	11.85	
12.22	14.02	-999.0	16.61	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	11.24	10.74	10.51	10.14	9.393	8.225	5.622	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

APPENDIXH - Steady-State Drawdowns with Pumping - Layer 1

H-7

-999.0	5.441	5.931	-999.0	-999.0	-999.0	7.520	9.291	8.398	-999.0	ROW 0 40
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
34.21	30.44	23.10	20.22	20.87	26.00	34.74	41.44	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
12.23	12.17	11.64	10.02	9.404	9.321	9.496	9.699	12.01	12.06	
13.92	14.91	15.72	16.38	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	13.91	12.88	11.96	11.78	11.36	9.778	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6.672	6.583	6.694	-999.0	11.79	11.44	12.79	10.04	-999.0	ROW 0 41
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
48.76	47.31	33.16	28.76	30.58	36.77	48.00	54.78	68.82	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
14.94	14.44	13.76	11.34	11.34	10.16	10.35	10.92	12.88	12.79	
-999.0	-999.0	16.94	16.73	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	15.19	14.64	13.49	13.42	12.83	11.84	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	6.480	6.850	8.074	-999.0	14.74	15.93	13.33	12.16	-999.0	ROW 0 42
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	67.69	
66.58	62.34	48.14	43.35	45.32	58.12	64.93	69.14	76.73	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
19.27	16.29	15.43	13.98	12.71	12.27	11.98	13.59	14.63	14.47	
-999.0	-999.0	16.21	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	17.19	15.91	14.71	14.86	14.13	14.74	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	9.782	11.59	13.98	13.93	13.13	12.60	-999.0	ROW 0 43
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
89.52	86.91	73.02	67.73	69.51	79.77	83.88	83.73	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
25.52	20.10	18.34	15.70	14.41	13.96	14.48	15.63	16.03	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
18.75	17.73	16.25	15.84	15.45	15.45	14.53	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	11.12	12.30	13.18	13.01	13.03	13.05	-999.0	ROW 0 44
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
117.5	127.2	116.3	105.3	107.4	106.7	104.0	98.69	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	24.71	22.36	20.87	16.80	16.22	18.02	18.48	19.41	18.91	
18.59	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	17.08	16.31	16.24	15.57	14.00	14.81	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	11.62	12.49	12.25	11.52	13.34	14.32	15.08	ROW 0 45
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	185.2	185.2	152.2	143.4	135.2	126.2	115.9	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	29.16	26.35	21.83	19.74	19.49	21.14	21.50	21.59	21.72	
21.07	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	17.40	15.40	14.96	11.66	14.20	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	13.09	-999.0	13.37	14.24	14.82	15.70	ROW 0 46
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	253.8	283.3	199.9	173.9	161.1	144.8	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	34.17	30.00	24.44	22.51	24.52	25.12	25.33	24.50	23.49	

22.75	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	18.23	16.20	14.40	12.20	12.45	14.38	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	21.21	14.30	15.06	15.94	ROW 0 47
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	282.5	270.2	215.6	188.7	186.5	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	40.23	33.55	28.02	25.26	27.37	29.48	29.93	28.15	-999.0	
-999.0	-999.0	-999.0	21.37	19.51	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	18.53	17.44	14.78	13.80	11.41	12.78	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	22.79	16.01	14.11	15.26	ROW 0 48
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
805.5	303.3	261.6	219.2	201.2	210.8	200.7	171.9	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	96.60	91.11	81.93	69.83	
57.24	47.26	36.80	31.48	30.12	35.17	36.14	35.33	-999.0	-999.0	
-999.0	-999.0	-999.0	21.68	20.80	20.19	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	18.96	18.72	-999.0	14.55	13.57	7.583	13.99	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	22.51	17.72	14.91	15.46	ROW 0 49
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
401.8	284.2	249.5	214.2	207.7	253.3	211.8	174.1	150.8	-999.0	
-999.0	-999.0	-999.0	118.5	114.4	109.2	102.6	93.50	83.24	71.43	
62.66	53.91	45.54	35.64	33.16	37.84	42.69	38.83	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	22.74	21.51	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	16.07	16.05	-999.0	15.32	
14.71	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	20.21	18.40	15.54	14.12	ROW 0 50
20.19	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
652.2	275.4	237.8	201.9	189.4	195.9	195.1	-999.0	-999.0	140.5	
137.4	132.8	129.0	124.3	120.3	114.6	106.5	95.56	85.04	75.28	
67.04	59.64	52.77	41.68	34.60	33.45	36.83	36.07	-999.0	39.54	
-999.0	-999.0	-999.0	-999.0	25.25	23.73	23.12	-999.0	19.62	18.57	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	16.86	-999.0	-999.0	-999.0	
13.96	10.75	2.036	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	19.33	18.99	17.85	15.60	ROW 0 51
18.83	-999.0	30.84	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
329.7	250.6	219.7	188.9	174.8	173.8	183.6	-999.0	-999.0	144.4	
141.9	138.6	134.9	130.2	126.2	121.1	111.9	98.96	90.01	80.32	
71.54	65.52	62.62	54.80	37.33	32.50	30.61	29.53	35.20	38.53	
-999.0	-999.0	-999.0	-999.0	28.54	26.48	24.42	-999.0	21.39	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
13.39	10.93	3.127	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.137	2.648	-999.0	-999.0	-999.0	-999.0	-999.0	19.90	19.34	17.81	ROW 0 52
18.52	23.84	27.23	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
325.6	238.5	203.3	178.8	166.4	167.3	179.9	-999.0	-999.0	150.2	
146.9	143.8	139.8	135.9	132.8	128.6	120.5	105.0	94.29	84.06	
75.17	66.11	58.29	44.63	35.84	31.10	28.86	27.27	27.38	31.67	
33.31	36.63	-999.0	-999.0	32.15	30.44	27.59	25.68	23.35	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	16.59	16.23	
14.50	-999.0	8.997	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

0.8936	3.585	5.032	-999.0	-999.0	-999.0	-999.0	-999.0	21.79	20.94	ROW 0 53
19.86	24.75	28.40	31.40	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
674.2	240.9	199.1	174.7	165.9	170.3	186.1	-999.0	-999.0	-999.0	
152.0	150.2	-999.0	140.0	140.5	139.8	134.5	112.5	101.2	89.39	
77.22	64.50	50.60	40.89	35.57	32.03	29.43	27.51	26.62	27.62	
28.45	33.11	36.83	37.84	37.08	35.79	32.05	29.05	26.11	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	16.52	15.93	
-999.0	-999.0	9.132	1.854	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.9614	4.283	5.129	-999.0	-999.0	-999.0	-999.0	-999.0	24.51	23.83	ROW 0 54
21.93	24.18	29.62	32.73	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	220.1	201.5	177.4	169.7	184.4	198.1	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	145.9	150.7	154.9	121.0	108.3	97.33	
78.06	62.62	48.86	40.79	35.88	33.59	32.10	30.29	28.75	27.45	
28.00	30.30	37.41	38.64	38.28	37.61	36.25	33.41	29.83	26.37	
24.07	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	16.82	16.02	
-999.0	-999.0	8.712	2.111	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.040	4.304	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	27.34	26.72	ROW 0 55
25.35	26.53	31.97	34.99	38.55	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	217.9	237.5	183.5	173.2	190.9	207.6	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	147.0	145.0	125.7	119.3	117.1	
93.08	71.40	52.70	43.31	39.07	36.35	35.81	38.72	32.30	29.78	
29.54	31.55	39.11	40.89	39.60	39.13	38.32	36.52	33.45	29.11	
25.52	23.95	21.52	-999.0	-999.0	-999.0	-999.0	-999.0	16.47	15.94	
-999.0	-999.0	9.582	2.070	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.569	5.572	7.104	-999.0	-999.0	-999.0	-999.0	-999.0	30.68	31.03	ROW 0 56
31.98	32.88	35.12	37.46	39.41	42.79	-999.0	-999.0	-999.0	-999.0	
-999.0	200.7	192.5	172.5	169.8	189.2	208.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	143.1	139.1	129.6	134.9	164.5	
100.3	74.66	56.71	48.53	43.81	42.37	46.37	48.98	50.48	49.37	
47.94	45.90	43.17	43.02	41.32	40.39	39.40	38.98	36.79	32.38	
28.34	25.41	23.51	21.45	-999.0	-999.0	-999.0	-999.0	17.16	15.86	
-999.0	-999.0	8.870	2.754	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.255	5.720	7.498	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	34.70	ROW 0 57
36.13	36.97	38.87	40.21	41.29	43.22	-999.0	-999.0	-999.0	-999.0	
-999.0	194.1	189.2	170.5	165.4	183.9	217.0	343.7	267.4	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	136.5	-999.0	119.9	121.8	
89.64	71.11	61.55	57.16	52.78	54.49	61.63	61.13	60.69	58.67	
56.88	55.58	-999.0	49.81	-999.0	42.97	41.75	40.63	39.60	36.04	
31.72	28.90	24.76	22.34	20.47	19.63	-999.0	-999.0	17.14	16.50	
-999.0	-999.0	-999.0	2.173	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
39.11	39.41	41.07	42.27	42.90	44.65	-999.0	-999.0	-999.0	-999.0	ROW 0 58
-999.0	198.9	230.7	180.7	159.6	164.9	190.1	216.8	207.6	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	116.9	114.7	111.1	
93.04	75.60	72.69	77.47	67.28	73.90	74.26	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	53.97	51.03	46.08	43.77	42.42	40.76	39.30	
35.68	32.39	-999.0	-999.0	22.47	-999.0	-999.0	-999.0	-999.0	15.76	
14.40	-999.0	8.483	2.642	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.733	7.729	10.23	11.06	-999.0	-999.0	-999.0	-999.0	-999.0	40.22	ROW 0 59
40.73	41.82	42.69	44.27	45.25	45.56	-999.0	-999.0	-999.0	-999.0	
-999.0	182.8	185.6	170.0	154.3	154.1	171.4	183.0	180.7	165.4	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
102.0	91.48	93.44	139.6	95.45	105.5	84.36	-999.0	-999.0	-999.0	

-999.0	-999.0	-999.0	56.90	54.44	49.76	45.28	44.07	42.86	41.06	
38.14	34.25	33.12	-999.0	23.49	-999.0	-999.0	-999.0	-999.0	-999.0	
14.95	-999.0	9.007	1.744	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6.349	10.23	11.63	12.58	-999.0	-999.0	-999.0	-999.0	-999.0	42.37	ROW 0 60
42.93	44.03	44.50	44.97	45.90	47.28	-999.0	-999.0	-999.0	-999.0	
-999.0	171.8	169.5	164.0	156.9	148.0	162.1	175.3	175.0	164.0	
152.9	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
105.6	98.92	100.5	108.5	94.49	111.2	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	57.13	55.49	-999.0	45.94	45.04	43.24	
40.92	37.20	35.27	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
14.74	13.67	-999.0	1.405	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6.491	10.96	12.97	14.08	14.72	-999.0	-999.0	-999.0	-999.0	43.26	ROW 0 61
44.19	44.84	45.46	46.29	46.99	48.05	51.65	-999.0	-999.0	-999.0	
-999.0	-999.0	161.4	161.2	163.2	144.7	155.2	185.5	180.5	163.7	
151.9	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	104.1	102.3	100.3	92.52	61.29	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	60.27	59.10	-999.0	50.45	48.44	46.23	
43.74	40.57	37.91	35.60	-999.0	-999.0	-999.0	19.73	18.87	16.67	
15.57	14.09	12.46	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6.943	10.99	13.82	16.35	17.02	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 62
45.88	46.34	46.70	47.16	47.57	50.32	52.73	-999.0	-999.0	-999.0	
-999.0	-999.0	155.1	162.9	192.9	139.7	133.8	156.8	167.4	156.3	
147.3	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	106.2	100.9	91.91	74.24	53.81	74.84	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	62.88	-999.0	-999.0	53.82	51.31	48.66	
46.00	42.92	40.26	38.54	-999.0	-999.0	-999.0	-999.0	20.12	17.48	
15.95	13.90	12.65	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
8.173	13.51	17.00	18.33	19.84	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 63
45.98	46.80	47.57	47.95	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	143.9	143.2	140.3	113.0	107.3	118.5	136.3	147.0	
143.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
123.7	-999.0	118.9	106.3	99.50	90.64	86.85	81.00	77.14	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	56.96	55.60	-999.0	
47.68	46.23	42.92	40.61	-999.0	-999.0	-999.0	23.82	22.05	-999.0	
16.05	14.39	13.22	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6.975	17.55	20.47	22.22	23.40	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 64
-999.0	47.22	47.77	48.40	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	130.8	131.2	124.4	108.8	89.08	85.36	94.30	114.8	155.7	
143.6	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	130.7	
130.0	127.3	120.9	114.0	108.4	98.97	93.47	82.47	76.38	72.28	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	58.21	56.95	-999.0	
-999.0	47.76	45.39	43.96	-999.0	-999.0	-999.0	-999.0	23.67	-999.0	
17.97	15.29	13.60	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
8.410	21.21	25.10	27.89	29.06	29.84	-999.0	-999.0	-999.0	-999.0	ROW 0 65
-999.0	48.08	48.71	49.35	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	121.9	110.3	76.02	68.90	69.05	77.67	98.64	140.4	
132.9	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
140.7	137.6	128.6	125.6	123.9	105.8	92.73	73.60	71.94	70.85	
68.48	66.90	-999.0	-999.0	-999.0	-999.0	-999.0	59.46	-999.0	-999.0	
52.61	50.17	47.40	46.15	-999.0	-999.0	-999.0	28.18	25.15	22.60	
19.21	16.40	13.87	10.50	2.386	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

11.44	27.80	32.06	34.78	34.72	34.02	-999.0	-999.0	-999.0	-999.0	ROW 0 66
-999.0	48.13	48.53	48.78	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	118.1	104.3	67.83	59.20	59.09	65.09	80.09	107.5	
118.5	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
155.1	158.4	139.1	139.2	165.4	112.0	88.10	68.65	68.42	67.61	
67.04	66.52	-999.0	-999.0	-999.0	-999.0	-999.0	59.83	-999.0	-999.0	
-999.0	50.59	48.92	47.10	-999.0	-999.0	-999.0	29.78	26.92	23.84	
20.91	17.31	15.21	11.38	7.468	1.848	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
19.53	36.54	43.44	46.41	43.33	40.28	-999.0	-999.0	-999.0	-999.0	ROW 0 67
-999.0	-999.0	48.37	48.52	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	118.5	110.5	88.85	62.44	54.84	57.23	68.48	92.70	
115.7	118.3	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	195.0	145.2	135.5	127.4	97.27	78.52	63.43	65.58	65.26	
64.93	-999.0	-999.0	-999.0	-999.0	-999.0	60.33	59.72	-999.0	-999.0	
-999.0	50.93	49.50	48.25	-999.0	-999.0	-999.0	30.41	27.70	24.57	
21.22	18.37	16.46	-999.0	9.983	7.982	5.876	3.904	2.913	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
26.19	56.73	61.57	68.86	55.40	47.31	-999.0	-999.0	-999.0	-999.0	ROW 0 68
-999.0	-999.0	48.91	48.38	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	122.0	132.7	190.7	74.53	53.49	52.66	59.26	75.45	
105.2	115.7	-999.0	-999.0	-999.0	-999.0	-999.0	0.0000	-999.0	-999.0	
-999.0	168.5	151.4	135.3	118.8	74.13	62.56	54.36	62.27	63.64	
64.32	-999.0	-999.0	62.38	61.39	61.18	59.90	59.21	-999.0	-999.0	
-999.0	49.93	48.85	47.41	-999.0	-999.0	-999.0	32.15	-999.0	24.93	
23.23	-999.0	-999.0	-999.0	11.39	10.04	8.172	6.374	5.433	3.508	
2.976	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
28.68	60.34	73.92	80.43	64.18	53.04	-999.0	-999.0	-999.0	-999.0	ROW 0 69
-999.0	-999.0	-999.0	48.44	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	118.9	112.1	75.77	54.67	48.87	48.77	53.76	64.60	
92.38	116.6	-999.0	-999.0	-999.0	-999.0	160.2	165.2	-999.0	-999.0	
-999.0	-999.0	175.0	138.3	105.3	57.37	44.94	41.02	61.88	63.66	
62.77	-999.0	-999.0	61.81	60.84	60.19	58.52	58.17	-999.0	-999.0	
-999.0	48.60	46.12	44.76	-999.0	-999.0	-999.0	33.70	-999.0	-999.0	
-999.0	-999.0	17.39	15.48	13.06	11.31	9.477	8.520	6.548	5.377	
1.781	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
27.70	55.85	88.18	92.58	73.38	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 70
-999.0	37.67	38.95	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	118.4	111.3	63.92	48.42	46.77	49.10	53.13	60.72	
87.35	118.3	-999.0	-999.0	-999.0	-999.0	-999.0	167.7	170.3	-999.0	
-999.0	-999.0	260.2	146.1	107.5	89.95	74.66	-999.0	64.73	64.25	
61.92	-999.0	60.76	60.95	59.72	58.18	57.28	56.35	-999.0	-999.0	
-999.0	44.02	41.38	40.26	38.67	-999.0	-999.0	33.36	-999.0	-999.0	
-999.0	20.05	17.74	15.41	13.10	11.53	9.946	8.794	8.102	8.862	
15.10	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
24.03	49.21	83.70	92.27	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 71
-999.0	35.57	36.55	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	127.3	152.3	69.31	52.23	53.59	63.66	61.79	
78.15	125.3	148.8	-999.0	-999.0	-999.0	-999.0	172.1	173.1	-999.0	
-999.0	-999.0	170.6	130.5	111.7	99.64	83.69	-999.0	-999.0	61.93	
-999.0	-999.0	60.42	59.89	58.52	57.22	55.92	-999.0	-999.0	47.39	
-999.0	37.47	36.91	35.94	35.62	-999.0	-999.0	-999.0	-999.0	-999.0	
24.15	21.31	18.37	16.16	14.34	12.22	11.01	9.761	8.834	8.149	
7.718	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
18.33	35.62	51.86	53.67	41.01	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 72
32.82	34.85	35.18	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	123.6	-999.0	-999.0	464.6	159.7	104.4	85.64	56.23	67.74	
97.77	140.3	160.6	-999.0	-999.0	-999.0	-999.0	177.4	177.9	-999.0	
-999.0	-999.0	146.6	131.2	132.9	110.5	90.10	-999.0	-999.0	60.58	

-999.0	-999.0	59.84	57.95	56.19	55.38	53.73	-999.0	-999.0	44.06	
38.93	33.96	30.40	29.53	30.65	33.70	-999.0	-999.0	-999.0		
-999.0	-999.0	-999.0	-999.0	-999.0	12.42	11.27	10.76	9.715	8.453	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
13.66	23.48	30.63	33.56	32.01	27.29	-999.0	-999.0	-999.0	-999.0	ROW 0 73
-999.0	34.07	34.83	36.94	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	119.2	124.6	-999.0	-999.0	123.7	71.83	62.02	61.54	76.61	
106.5	169.1	185.8	187.5	-999.0	-999.0	-999.0	181.8	182.3	-999.0	
-999.0	-999.0	141.4	142.7	205.5	130.5	95.73	79.13	-999.0	-999.0	
-999.0	-999.0	58.00	56.56	54.24	53.66	51.51	-999.0	-999.0	40.37	
33.97	29.12	20.36	20.00	26.96	29.09	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	13.85	12.76	11.28	10.48	9.499	8.730	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
10.00	16.94	20.44	23.03	24.32	25.28	-999.0	-999.0	-999.0	-999.0	ROW 0 74
-999.0	34.21	35.07	36.57	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
103.2	113.2	122.0	129.4	134.4	-999.0	118.5	118.9	127.2	150.9	
185.4	240.8	225.6	206.0	-999.0	-999.0	196.0	-999.0	185.5	-999.0	
-999.0	-999.0	122.0	123.5	132.1	121.5	100.2	83.22	-999.0	-999.0	
-999.0	-999.0	56.71	54.79	52.17	50.31	-999.0	-999.0	40.71	38.02	
33.21	28.51	20.08	19.16	25.70	28.02	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	16.85	14.64	13.19	12.25	11.50	10.44	8.486	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
7.673	12.76	15.08	16.83	19.21	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 75
-999.0	34.72	35.36	37.01	-999.0	-999.0	-999.0	-999.0	82.14	88.58	
98.19	107.7	117.3	126.7	133.5	-999.0	-999.0	-999.0	-999.0	195.6	
253.2	332.3	257.7	225.4	213.8	208.9	202.3	-999.0	189.0	186.0	
-999.0	154.7	137.5	125.8	120.8	116.2	100.3	86.79	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	49.22	47.62	-999.0	-999.0	39.54	36.68	
32.12	29.64	26.39	25.40	27.08	28.46	30.08	-999.0	-999.0	-999.0	
-999.0	21.68	20.19	16.83	14.55	12.64	11.68	11.84	10.94	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
6.033	9.971	11.65	14.25	15.73	15.31	-999.0	-999.0	-999.0	-999.0	ROW 0 76
-999.0	35.67	35.36	36.56	-999.0	-999.0	-999.0	-999.0	80.79	85.55	
94.90	103.8	112.2	122.1	131.3	-999.0	-999.0	-999.0	180.4	208.3	
258.5	274.1	255.8	242.5	226.4	219.7	-999.0	-999.0	-999.0	184.4	
173.8	160.0	150.1	142.1	135.0	122.4	105.0	91.08	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	46.38	44.83	-999.0	-999.0	-999.0	34.35	
31.65	30.15	28.09	27.88	27.84	28.34	29.56	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	16.62	14.02	13.05	12.27	11.19	11.21	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
5.068	8.405	10.42	11.95	14.14	13.92	-999.0	-999.0	-999.0	-999.0	ROW 0 77
-999.0	35.46	35.83	37.21	-999.0	-999.0	-999.0	-999.0	-999.0	81.02	
91.72	101.2	116.4	117.3	124.5	133.6	-999.0	-999.0	-999.0	227.4	
298.4	283.1	267.9	259.4	242.0	232.8	-999.0	-999.0	-999.0	185.6	
173.7	165.6	157.6	150.7	143.8	127.7	109.6	94.62	82.30	-999.0	
-999.0	-999.0	-999.0	-999.0	44.63	42.58	-999.0	-999.0	-999.0	33.25	
31.45	29.59	28.93	28.24	27.72	27.40	28.26	27.52	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	13.54	12.24	11.90	11.77	10.88	11.47	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
4.812	7.706	9.514	11.19	12.65	13.08	-999.0	-999.0	-999.0	-999.0	ROW 0 78
33.24	36.02	36.02	37.49	39.53	44.32	-999.0	-999.0	-999.0	75.79	
85.91	99.03	132.4	114.6	112.4	121.4	-999.0	-999.0	-999.0	-999.0	
456.4	313.6	288.4	282.2	265.6	250.0	-999.0	-999.0	-999.0	188.1	
176.3	168.9	162.8	156.3	149.6	132.5	114.1	99.02	85.74	-999.0	
-999.0	-999.0	-999.0	-999.0	42.49	40.41	-999.0	-999.0	33.48	32.17	
30.24	28.67	27.99	27.69	27.01	26.88	26.50	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	12.20	10.96	10.70	10.85	11.27	11.18	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					

3.672	6.805	8.623	11.32	12.39	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 79
33.29	35.72	36.45	37.33	38.50	43.67	49.99	-999.0	-999.0	-999.0	
77.53	85.02	115.1	100.7	101.1	108.2	113.2	-999.0	-999.0	-999.0	
-999.0	299.8	301.7	309.5	298.4	274.9	-999.0	-999.0	-999.0	192.9	
178.8	172.6	165.7	159.3	153.0	136.2	117.6	102.6	88.93	76.92	
-999.0	-999.0	-999.0	-999.0	-999.0	39.03	-999.0	-999.0	32.83	30.82	
29.18	27.70	26.84	26.58	26.36	25.91	26.21	25.44	-999.0	-999.0	
-999.0	-999.0	-999.0	8.791	9.880	10.34	10.11	11.33	11.57	11.67	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.684	7.490	10.01	12.80	11.89	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 80
-999.0	35.69	36.38	36.65	37.74	43.01	47.96	-999.0	-999.0	-999.0	
66.95	72.37	84.43	85.31	89.21	93.26	102.5	-999.0	-999.0	-999.0	
-999.0	302.0	318.6	359.5	317.3	295.3	275.5	-999.0	218.0	199.3	
180.9	174.8	167.8	161.2	155.6	139.1	120.3	106.0	93.47	81.21	
-999.0	-999.0	-999.0	-999.0	-999.0	37.82	-999.0	-999.0	-999.0	29.44	
28.51	27.27	26.17	25.65	25.50	24.48	24.93	24.40	-999.0	-999.0	
-999.0	-999.0	15.92	13.79	12.18	11.14	10.83	11.15	12.22	13.59	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.008	6.874	11.04	20.42	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 81
-999.0	35.34	36.09	35.94	38.12	42.29	47.08	-999.0	-999.0	-999.0	
64.80	67.04	73.57	74.80	78.86	83.44	92.60	-999.0	-999.0	-999.0	
-999.0	301.3	315.7	326.1	314.2	299.4	284.0	264.8	-999.0	201.4	
182.7	176.2	168.5	161.3	156.3	141.0	122.2	109.0	96.94	86.59	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	28.83	
27.18	25.88	24.42	24.53	24.17	24.11	23.64	22.87	-999.0	-999.0	
-999.0	-999.0	15.87	14.57	12.27	11.65	11.27	11.42	11.17	11.02	
7.275	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.199	6.656	8.438	11.68	9.392	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 82
-999.0	-999.0	36.77	36.64	37.70	41.82	46.68	-999.0	-999.0	-999.0	
65.55	66.22	74.67	68.97	69.64	74.52	86.94	95.30	101.6	-999.0	
-999.0	-999.0	316.0	322.6	317.9	303.8	288.9	269.1	-999.0	202.8	
183.6	175.4	167.8	160.7	154.4	145.8	126.9	112.5	99.65	89.00	
79.38	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	27.27	
26.00	24.16	23.12	22.85	22.15	22.82	22.47	21.71	-999.0	-999.0	
-999.0	-999.0	15.50	13.94	12.48	12.20	11.52	11.63	10.90	10.36	
8.940	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.575	5.061	7.753	8.750	8.073	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0 83
-999.0	-999.0	36.74	37.70	39.67	42.43	45.86	-999.0	-999.0	-999.0	
-999.0	64.88	64.35	63.17	63.26	65.87	79.41	93.17	100.7	-999.0	
-999.0	-999.0	313.0	329.4	335.6	313.8	293.7	270.5	-999.0	-999.0	
189.0	172.7	166.7	159.1	153.0	145.5	129.1	118.3	-999.0	-999.0	
82.41	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	26.66	
24.49	23.48	22.64	22.09	21.09	20.57	21.12	20.89	-999.0	-999.0	
-999.0	-999.0	14.83	14.12	12.85	11.88	11.73	10.89	10.32	10.25	
10.42	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.721	4.988	6.211	7.802	8.587	8.631	-999.0	-999.0	-999.0	-999.0	ROW 0 84
-999.0	35.23	36.36	37.37	40.72	44.27	45.42	-999.0	-999.0	-999.0	
68.92	64.91	61.03	60.37	60.67	63.48	71.89	88.20	99.15	-999.0	
-999.0	-999.0	-999.0	347.2	407.0	327.0	294.8	267.0	-999.0	-999.0	
-999.0	170.4	164.4	157.0	150.3	144.5	130.9	121.2	-999.0	-999.0	
87.01	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	24.78	
23.26	22.25	20.99	20.66	20.37	19.77	19.87	19.98	-999.0	-999.0	
-999.0	-999.0	13.47	13.39	12.46	11.93	11.16	10.91	10.24	9.134	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.237	4.417	6.709	7.689	9.683	9.473	9.826	9.905	-999.0	-999.0	ROW 0 85
-999.0	34.62	35.44	38.37	-999.0	45.47	45.90	-999.0	-999.0	-999.0	
69.00	64.90	60.68	59.53	60.31	63.29	68.75	82.59	97.36	-999.0	
-999.0	-999.0	-999.0	311.8	341.6	311.4	284.7	256.6	239.3	-999.0	
-999.0	173.4	160.3	154.4	147.1	141.4	133.8	123.7	-999.0	-999.0	

-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	23.67	
22.49	20.91	19.52	18.66	18.09	18.04	17.76	18.22	-999.0	-999.0	
-999.0	-999.0	13.29	-999.0	-999.0	10.98	10.77	10.11	9.688	8.492	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.400	4.954	5.992	7.082	8.569	8.798	9.621	10.33	-999.0	-999.0	ROW 0 86
-999.0	32.05	34.93	-999.0	-999.0	46.09	46.10	47.59	-999.0	-999.0	
-999.0	69.85	62.22	62.17	62.93	66.72	72.19	82.91	98.78	-999.0	
-999.0	-999.0	-999.0	263.5	-999.0	-999.0	259.3	245.0	233.4	-999.0	
-999.0	-999.0	157.8	151.4	144.2	138.6	131.8	124.5	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	24.55	23.00	
21.60	19.30	17.98	17.39	16.76	16.97	16.90	16.24	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	10.09	9.666	8.676	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.155	4.390	6.598	7.593	7.766	9.256	9.463	10.49	11.99	-999.0	ROW 0 87
-999.0	29.47	-999.0	-999.0	-999.0	45.08	46.36	47.20	-999.0	-999.0	
79.97	77.29	65.05	66.73	68.73	73.56	79.67	88.71	102.8	115.7	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	222.5	213.8	
-999.0	-999.0	157.4	147.0	140.8	134.8	129.4	122.4	111.2	103.3	
97.65	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	23.75	22.74	
20.67	18.00	17.48	16.99	15.80	15.69	14.59	14.38	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	9.110	8.261	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.990	4.268	5.938	7.604	7.834	8.965	10.31	11.11	11.65	-999.0	ROW 0 88
-999.0	-999.0	-999.0	-999.0	41.99	44.60	45.20	46.09	-999.0	-999.0	
85.09	87.07	81.96	75.16	78.94	84.06	90.90	100.3	112.0	124.1	
-999.0	147.7	150.7	-999.0	-999.0	-999.0	-999.0	-999.0	210.7	205.0	
-999.0	-999.0	-999.0	144.4	137.6	132.1	126.0	119.3	112.0	104.2	
96.73	91.99	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
20.06	18.38	17.04	15.80	14.56	13.04	12.15	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6.940	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.503	4.475	6.444	6.991	7.552	8.610	9.560	10.84	11.92	-999.0	ROW 0 89
-999.0	-999.0	-999.0	-999.0	42.34	44.29	45.00	46.59	-999.0	-999.0	
90.51	95.30	92.47	83.80	90.81	98.19	107.1	116.7	127.7	137.9	
145.0	150.2	151.9	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	154.0	144.0	134.7	127.9	122.4	116.4	109.8	103.1	
97.11	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	17.27	15.94	15.52	13.06	10.02	7.880	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	6.644	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.512	4.503	6.151	6.696	7.725	8.945	9.788	10.90	11.79	-999.0	ROW 0 90
-999.0	-999.0	-999.0	42.08	43.46	44.41	45.84	46.67	-999.0	-999.0	
-999.0	105.4	-999.0	97.33	107.4	117.3	127.9	138.1	146.3	152.5	
156.8	156.7	157.2	157.5	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	140.4	132.6	124.3	119.6	114.0	107.9	100.8	
95.05	89.78	86.21	-999.0	-999.0	-999.0	-999.0	-999.0	6.547	18.40	
18.98	17.63	16.35	15.13	14.02	12.75	12.13	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.747	4.744	6.244	6.672	7.339	8.856	9.679	10.59	11.66	-999.0	ROW 0 91
-999.0	-999.0	40.96	42.97	44.38	45.05	45.90	46.68	-999.0	-999.0	
-999.0	112.5	-999.0	123.9	124.3	140.9	154.7	164.4	169.1	170.9	
170.9	166.3	160.7	159.7	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	127.7	122.7	117.1	110.9	104.7	98.39	
93.42	87.97	83.14	-999.0	-999.0	-999.0	-999.0	-999.0	6.221	-999.0	
-999.0	-999.0	16.83	16.12	15.19	14.44	14.30	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

2.910	4.014	5.291	6.942	7.536	8.479	9.307	10.70	11.56	-999.0	ROW 0 92
-999.0	-999.0	44.97	45.72	45.91	46.45	47.46	47.14	-999.0	-999.0	
99.41	115.0	-999.0	-999.0	145.0	169.0	184.2	196.4	195.0	192.1	
186.8	181.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	125.4	120.6	115.2	108.1	102.6	95.70	
89.97	85.31	79.92	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	18.94	17.34	16.07	15.67	15.48	15.20	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.542	4.080	5.590	6.622	7.778	8.146	9.957	10.73	11.27	-999.0	ROW 0 93
-999.0	-999.0	48.53	47.70	47.62	48.11	48.00	-999.0	-999.0	-999.0	
88.51	-999.0	-999.0	-999.0	171.4	200.5	220.1	246.9	226.2	214.3	
202.2	191.3	179.3	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	119.5	113.8	106.7	99.53	92.44	
86.79	81.92	76.59	70.82	67.15	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	18.77	17.72	17.14	16.22	15.92	15.46	15.60	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.100	3.695	5.471	6.376	7.208	8.264	10.03	13.66	11.98	-999.0	ROW 0 94
-999.0	-999.0	47.72	48.53	48.26	48.40	48.45	-999.0	-999.0	-999.0	
72.19	-999.0	-999.0	-999.0	205.2	229.0	252.6	274.6	253.8	235.8	
217.7	202.1	183.9	173.8	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	89.17	
83.34	77.35	73.11	69.30	66.61	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	17.45	17.65	16.79	16.19	15.69	15.51	15.51	14.01	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.918	4.212	4.849	6.281	6.750	8.663	9.635	10.73	-999.0	-999.0	ROW 0 95
-999.0	-999.0	47.90	50.95	50.00	49.77	49.28	-999.0	-999.0	52.87	
57.02	-999.0	-999.0	-999.0	223.0	252.0	292.6	320.0	286.0	256.6	
232.5	211.0	187.8	176.1	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
80.17	73.75	70.71	67.75	64.31	61.02	-999.0	-999.0	-999.0	-999.0	
-999.0	5.002	16.91	17.85	16.82	16.26	15.39	15.36	14.64	12.96	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.744	3.703	4.615	6.167	7.158	8.180	9.544	10.17	10.98	-999.0	ROW 0 96
-999.0	-999.0	-999.0	57.83	53.14	51.50	50.31	-999.0	49.99	51.05	
52.49	-999.0	-999.0	-999.0	226.8	254.8	309.0	332.2	322.4	274.2	
243.9	217.3	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	71.90	67.57	66.20	63.86	61.56	58.59	-999.0	-999.0	-999.0	
-999.0	-999.0	19.54	19.02	17.31	16.82	15.75	15.40	14.60	12.99	
11.78	-999.0	-999.0	-999.0	-999.0	5.021	4.450	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.101	3.282	4.320	5.629	7.355	8.275	9.540	9.789	12.25	-999.0	ROW 0 97
-999.0	-999.0	-999.0	74.33	57.21	51.98	48.94	-999.0	48.27	49.96	
51.28	61.83	-999.0	-999.0	228.9	250.1	288.7	306.6	334.4	278.1	
246.4	212.3	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	126.7	-999.0	-999.0	-999.0	
-999.0	-999.0	66.65	65.02	63.22	61.89	57.80	-999.0	-999.0	-999.0	
-999.0	-999.0	20.27	19.02	17.24	16.33	15.72	15.15	14.30	13.85	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4.025	4.276	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.208	2.424	3.785	6.371	7.450	8.128	9.989	10.15	13.05	-999.0	ROW 0 98
-999.0	-999.0	-999.0	55.82	52.21	49.88	-999.0	-999.0	46.72	48.12	
49.42	53.06	-999.0	-999.0	-999.0	-999.0	259.1	275.3	279.6	255.1	
232.8	205.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	128.9	127.0	-999.0	-999.0	-999.0	

-999.0	-999.0	66.23	64.98	63.49	62.22	57.95	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	19.03	18.32	16.95	15.97	14.78	14.69	13.94	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4.230	3.927	3.140	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
1.582	2.993	4.780	6.667	7.411	8.361	10.12	10.59	-999.0	-999.0	ROW 0 99
-999.0	-999.0	36.02	46.42	46.61	47.26	-999.0	-999.0	44.99	45.81	
46.65	48.26	-999.0	-999.0	-999.0	-999.0	239.6	250.8	244.6	230.1	
216.4	199.6	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
140.6	-999.0	-999.0	-999.0	128.7	127.2	124.8	122.0	-999.0	-999.0	
-999.0	-999.0	67.89	65.63	64.13	62.94	60.49	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	17.70	16.53	15.75	15.30	14.52	13.72	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	4.152	4.099	3.290	2.298	
-999.0	0.6914	0.7085	0.5190	0.8672	0.7051	-999.0	0.7173	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
1.695	3.382	5.160	6.100	7.708	8.999	10.79	12.81	15.19	16.79	ROW 0100
-999.0	-999.0	33.66	40.50	41.82	-999.0	-999.0	-999.0	43.02	43.92	
44.53	46.05	-999.0	-999.0	-999.0	-999.0	-999.0	228.2	220.7	211.3	
202.4	191.4	178.1	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
140.9	137.5	133.6	130.4	126.6	123.7	121.8	120.0	-999.0	-999.0	
-999.0	-999.0	-999.0	65.47	64.53	63.04	62.73	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	18.21	17.37	15.97	15.22	14.43	13.23	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	2.241	
-999.0	0.8398	0.9316	1.190	0.4175	1.040	1.116	0.6147	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
2.234	4.784	6.218	7.407	8.792	10.55	12.09	-999.0	16.72	17.60	ROW 0101
-999.0	-999.0	-999.0	37.48	38.27	-999.0	-999.0	38.76	40.85	41.83	
42.54	43.63	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	204.3	198.6	
192.0	184.5	175.1	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	136.9	132.4	127.6	124.0	121.9	119.5	116.8	-999.0	-999.0	
-999.0	-999.0	-999.0	66.47	65.51	64.35	62.80	61.98	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	17.20	15.50	15.57	14.87	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	13.35	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	2.365	
2.047	1.124	1.154	0.7324	0.7422	1.378	0.7485	0.6714	1.345	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
2.354	5.597	6.952	7.869	10.20	11.57	-999.0	-999.0	17.55	-999.0	ROW 0102
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	37.87	39.21	39.24	
40.69	41.17	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	193.1	189.6	
184.3	178.3	172.6	164.5	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	136.3	132.4	126.6	122.9	119.8	117.1	113.9	110.5	-999.0	
-999.0	-999.0	-999.0	68.64	67.13	65.65	63.95	62.85	59.68	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	15.66	15.44	14.20	13.50	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	1.873	
1.821	1.729	0.9390	1.114	1.341	1.555	1.115	0.7515	0.9614	1.344	
0.8662	1.019	-999.0	-999.0	-999.0	-999.0					
4.189	6.213	7.752	9.325	10.03	-999.0	-999.0	-999.0	18.00	-999.0	ROW 0103
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	34.67	36.06	36.91	38.19	
38.74	38.78	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	185.0	182.3	
179.4	174.1	169.8	163.3	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	135.4	132.0	127.8	121.9	119.1	115.4	111.1	107.5	-999.0	
-999.0	-999.0	-999.0	-999.0	66.72	66.31	65.00	63.62	61.97	58.58	
55.43	-999.0	-999.0	-999.0	-999.0	-999.0	15.87	14.70	13.72	13.24	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	2.064	1.890	
1.249	1.118	1.191	1.672	1.029	1.420	0.8574	1.087	1.137	1.430	
0.6484	0.7344	-999.0	-999.0	-999.0	-999.0					
3.707	6.379	9.041	9.951	11.40	-999.0	-999.0	17.53	18.94	19.56	ROW 0104
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	32.99	35.25	35.58	36.33	
36.82	36.86	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	179.2	177.5	
174.4	169.9	166.1	162.4	157.3	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	131.5	127.4	122.6	117.3	114.3	107.7	102.9	97.27	
-999.0	-999.0	-999.0	-999.0	-999.0	66.45	65.77	63.76	62.63	60.14	
58.11	53.85	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	1.541	1.632	1.561	
2.010	2.112	1.705	1.689	1.926	1.142	1.743	0.7456	1.131	1.028	
0.8389	0.8184	-999.0	-999.0	-999.0	-999.0					

4.119	7.987	9.568	10.79	12.56	13.93	-999.0	-999.0	19.41	20.42	ROW 0105
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	33.74	33.95	34.91	
34.85	35.65	-999.0	-999.0	-999.0	-999.0	-999.0	173.4	173.8	173.5	
170.9	167.5	163.6	161.1	157.7	154.7	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	120.8	118.4	120.6	101.8	98.20	86.29	
-999.0	-999.0	-999.0	-999.0	-999.0	66.68	65.75	64.15	63.17	61.39	
58.69	54.39	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	3.643	1.805	1.345	2.110	
1.804	1.445	1.231	1.197	1.314	1.463	1.292	1.423	1.157	1.084	
0.9902	-999.0	-999.0	-999.0	-999.0	-999.0					
5.572	8.438	10.53	12.24	13.03	14.99	-999.0	-999.0	20.15	20.35	ROW 0106
21.45	-999.0	-999.0	-999.0	-999.0	-999.0	29.91	32.34	32.52	33.70	
33.68	34.03	-999.0	-999.0	-999.0	-999.0	-999.0	169.9	170.4	169.8	
168.0	165.0	161.7	159.5	157.0	155.4	153.6	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	119.2	115.3	110.9	102.0	98.65	92.85	
-999.0	-999.0	-999.0	-999.0	-999.0	67.47	66.30	64.39	63.56	61.65	
60.37	56.43	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	4.022	3.261	2.594	1.974	2.227	
1.836	2.170	1.383	2.000	1.833	1.776	1.817	1.505	1.169	0.9375	
1.426	-999.0	-999.0	-999.0	0.4775	-999.0					
5.691	9.875	12.14	13.90	14.92	16.18	16.78	-999.0	-999.0	21.25	ROW 0107
21.99	22.62	-999.0	-999.0	-999.0	-999.0	29.02	29.97	30.63	-999.0	
-999.0	-999.0	-999.0	35.74	44.70	64.14	-999.0	166.2	167.6	166.2	
165.2	162.2	160.4	158.4	156.5	155.9	155.9	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	116.3	113.0	107.5	100.7	96.58	92.53	
88.71	-999.0	-999.0	-999.0	-999.0	66.42	66.09	64.99	63.63	61.72	
60.83	57.26	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	3.705	2.662	1.927	1.607	2.167	
1.734	2.262	1.713	1.792	1.243	1.929	1.820	1.606	0.9517	1.541	
1.096	-999.0	0.5420	0.6475	1.106	-999.0					
6.533	10.90	13.68	15.21	15.96	16.89	18.03	19.14	-999.0	22.07	ROW 0108
22.73	23.44	24.19	-999.0	-999.0	-999.0	27.68	28.13	28.18	-999.0	
-999.0	-999.0	-999.0	-999.0	37.42	50.72	-999.0	-999.0	163.2	164.1	
162.5	160.1	158.5	156.9	156.1	155.2	156.1	163.1	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	110.8	109.1	117.1	93.46	88.63	
85.49	-999.0	-999.0	-999.0	-999.0	-999.0	64.62	63.68	62.74	61.85	
60.10	56.69	50.95	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	6.203	5.173	4.112	2.454	2.261	1.858	2.356	
2.077	1.636	1.964	1.333	1.305	1.646	1.256	1.167	1.827	0.8916	
0.8062	1.353	0.8594	1.047	0.7993	-999.0					
7.381	13.62	15.03	16.46	16.55	17.87	18.50	20.36	-999.0	22.67	ROW 0109
23.62	24.11	23.63	-999.0	-999.0	-999.0	27.33	27.01	27.68	-999.0	
27.40	27.50	-999.0	30.92	33.74	41.01	-999.0	-999.0	157.8	160.0	
159.6	157.8	157.0	156.4	155.4	153.8	153.2	152.9	148.1	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	93.77	65.60	81.95	
82.67	-999.0	-999.0	-999.0	-999.0	-999.0	64.21	63.54	62.69	61.09	
60.69	56.69	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	7.681	6.583	5.486	3.533	2.568	2.477	1.733	2.433	
2.383	1.646	1.708	1.347	1.811	1.785	1.154	0.9937	0.9111	1.082	
0.7480	0.7778	0.5479	0.4561	0.7485	-999.0					
3.820	-999.0	-999.0	18.10	-999.0	19.49	20.07	20.69	22.41	23.24	ROW 0110
24.10	24.90	24.72	-999.0	-999.0	-999.0	-999.0	26.12	25.85	26.05	
26.56	26.01	-999.0	-999.0	31.56	34.75	45.20	-999.0	-999.0	-999.0	
156.2	156.0	155.0	155.2	153.7	153.0	150.2	147.4	142.8	136.1	
130.7	125.7	121.9	-999.0	-999.0	-999.0	-999.0	-999.0	96.04	82.71	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	62.49	62.01	61.94	60.80	
58.24	-999.0	-999.0	-999.0	-999.0	-999.0	10.36	-999.0	9.852	9.814	
-999.0	8.262	7.694	6.969	5.244	3.850	2.563	2.357	2.626	1.583	
2.106	2.442	2.457	1.618	1.599	1.190	1.301	0.9971	1.186	0.9248	
1.560	0.6260	1.129	0.4438	1.108	-999.0					
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	21.19	22.35	22.86	24.15	ROW 0111
24.93	25.23	26.24	24.68	-999.0	-999.0	-999.0	25.71	25.51	24.97	
25.56	24.69	25.22	-999.0	-999.0	31.79	39.11	-999.0	-999.0	-999.0	
152.2	153.1	153.9	154.3	154.6	151.8	147.7	143.8	139.6	134.6	
130.6	125.7	121.9	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	77.24	

-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	60.81	59.59	57.96	56.72	
54.35	-999.0	-999.0	-999.0	-999.0	-999.0	10.06	9.931	9.455	9.353	
9.008	9.010	9.491	7.165	5.413	3.941	2.859	2.583	2.089	2.213	
1.889	2.032	1.665	2.183	1.587	1.747	1.597	1.200	1.489	1.326	
1.487	-999.0	0.4780	0.6406	-999.0	-999.0					
6.624	25.28	-999.0	-999.0	-999.0	-999.0	-999.0	22.88	23.14	24.31	ROW 0112
25.95	27.39	28.65	-999.0	-999.0	-999.0	-999.0	24.55	24.81	24.89	
24.71	24.21	23.82	24.30	-999.0	-999.0	36.58	45.76	-999.0	-999.0	
-999.0	147.0	151.5	155.2	158.2	151.6	146.3	141.1	137.8	132.9	
130.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	73.50	71.95	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	54.74	53.35	52.55	
-999.0	-999.0	-999.0	-999.0	10.14	9.863	9.428	9.291	8.593	8.589	
8.592	9.521	12.45	8.272	5.250	4.153	2.760	2.874	2.096	2.332	
1.810	1.660	1.719	2.060	1.677	1.340	1.935	1.498	1.787	1.039	
1.615	-999.0	0.8730	0.6748	-999.0	-999.0					
14.29	23.02	-999.0	-999.0	-999.0	-999.0	-999.0	23.43	23.91	24.87	ROW 0113
27.22	29.16	32.74	-999.0	-999.0	-999.0	-999.0	24.65	23.59	24.02	
23.29	23.05	23.21	22.71	-999.0	-999.0	29.33	34.90	-999.0	-999.0	
-999.0	136.3	143.5	158.2	175.5	152.4	142.9	137.7	134.1	129.8	
-999.0	-999.0	-999.0	-999.0	97.22	85.74	74.28	71.05	68.64	66.35	
-999.0	-999.0	-999.0	49.34	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	10.41	9.881	9.132	8.887	7.521	7.201	
6.766	8.088	8.353	6.078	4.681	3.673	2.988	2.891	2.370	2.347	
2.379	2.115	1.542	2.030	1.696	1.837	1.234	1.908	1.130	0.9683	
0.7915	-999.0	1.244	-999.0	-999.0	-999.0					
11.14	20.04	-999.0	-999.0	-999.0	-999.0	-999.0	22.77	-999.0	25.47	ROW 0114
27.86	33.41	46.15	37.78	-999.0	-999.0	-999.0	23.35	23.26	22.37	
21.62	21.76	21.97	21.69	21.38	-999.0	25.72	26.32	-999.0	-999.0	
-999.0	125.8	131.1	143.9	148.4	141.7	136.7	133.1	130.4	125.7	
121.9	-999.0	126.5	112.8	97.33	75.74	55.76	63.30	63.23	61.40	
-999.0	-999.0	-999.0	43.99	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	10.20	9.678	9.989	8.930	7.801	6.889	8.643	
7.363	6.730	6.159	5.284	3.860	3.258	3.193	2.566	1.931	2.277	
2.056	1.789	1.914	2.443	2.400	2.128	1.487	1.459	1.615	1.162	
0.8452	-999.0	1.444	-999.0	-999.0	-999.0					
8.524	20.97	52.94	214.7	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0115
26.42	30.33	36.79	36.87	44.06	33.03	-999.0	-999.0	-999.0	21.65	
20.72	20.35	20.59	21.02	20.37	20.82	22.69	23.51	-999.0	-999.0	
-999.0	114.9	116.7	124.0	132.3	130.9	129.9	129.2	125.8	120.6	
117.2	114.9	116.2	108.6	100.6	-999.0	61.11	60.66	58.81	55.78	
50.75	46.20	-999.0	37.51	33.35	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	10.69	10.35	9.659	8.942	7.708	7.094	7.562	
6.889	6.831	5.313	4.906	4.374	3.428	2.864	3.132	2.749	2.639	
1.943	2.308	1.814	2.355	1.799	2.219	1.683	1.462	1.923	1.283	
-999.0	0.9839	0.9512	-999.0	-999.0	-999.0					
7.504	13.96	24.60	53.85	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0116
-999.0	-999.0	34.13	42.00	103.0	42.89	-999.0	-999.0	-999.0	19.74	
19.65	18.23	17.79	18.60	17.90	18.58	20.77	20.85	-999.0	-999.0	
-999.0	-999.0	104.9	105.2	114.9	122.3	125.9	129.8	122.7	116.1	
109.3	107.9	108.1	106.3	104.1	-999.0	61.96	57.63	54.64	-999.0	
-999.0	41.07	-999.0	30.89	28.13	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	9.997	10.68	10.67	10.02	10.31	8.025	7.309	7.594	
8.287	8.211	6.190	5.708	3.994	3.954	3.254	3.513	3.197	2.673	
3.421	2.226	2.394	2.086	2.102	1.802	1.408	1.509	1.586	1.562	
0.8350	0.9229	-999.0	-999.0	-999.0	-999.0					
5.743	10.82	15.79	22.51	18.50	18.31	-999.0	-999.0	-999.0	-999.0	ROW 0117
-999.0	-999.0	28.71	31.65	39.62	30.64	-999.0	-999.0	-999.0	18.41	
18.04	16.33	15.92	15.86	15.80	16.85	18.80	19.35	19.00	-999.0	
-999.0	-999.0	-999.0	86.83	-999.0	107.3	120.1	157.3	121.3	109.8	
100.9	97.35	103.2	114.6	139.1	83.41	61.87	52.99	47.77	42.09	
-999.0	-999.0	26.61	25.08	22.33	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	10.03	10.63	11.78	12.09	11.60	10.41	9.257	9.939	
11.32	11.62	9.619	6.396	4.359	4.233	3.783	4.425	4.241	3.743	
3.826	3.411	2.772	1.887	2.235	1.917	1.340	1.019	1.408	0.9419	
1.246	-999.0	-999.0	-999.0	-999.0	-999.0					

4.934	8.288	11.02	14.53	15.94	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0118
-999.0	-999.0	23.72	23.85	25.66	23.77	-999.0	-999.0	-999.0	17.38	
15.83	14.49	13.75	13.23	13.59	14.98	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	73.19	65.36	-999.0	-999.0	-999.0	99.12	94.28	
-999.0	86.82	101.4	138.5	124.6	73.66	-999.0	-999.0	39.73	35.99	
-999.0	24.81	22.77	19.52	17.04	13.91	12.90	-999.0	-999.0	-999.0	
-999.0	-999.0	9.981	11.25	12.17	14.10	14.23	12.93	11.93	14.00	
21.02	23.95	15.33	7.751	4.935	4.828	4.996	6.917	7.788	6.410	
4.754	3.549	3.062	2.124	2.064	-999.0	1.643	0.9463	1.658	1.048	
1.471	-999.0	-999.0	-999.0	-999.0	-999.0					
3.323	6.589	7.805	10.93	12.09	14.48	-999.0	-999.0	-999.0	-999.0	ROW 0119
-999.0	-999.0	19.14	17.63	18.48	-999.0	-999.0	-999.0	-999.0	15.61	
13.47	10.48	10.57	9.908	10.04	11.21	-999.0	-999.0	-999.0	15.70	
-999.0	-999.0	-999.0	-999.0	45.10	40.07	-999.0	-999.0	-999.0	-999.0	
-999.0	79.90	106.9	302.3	103.1	51.47	31.29	-999.0	27.61	28.39	
-999.0	21.60	19.12	14.69	12.58	10.96	10.67	-999.0	-999.0	-999.0	
-999.0	-999.0	9.152	10.24	13.44	20.57	19.30	15.84	12.66	14.94	
22.69	15.73	13.16	8.599	4.870	5.039	6.354	12.92	16.75	9.321	
5.287	-999.0	-999.0	-999.0	1.497	-999.0	1.097	0.9424	1.438	0.8008	
1.437	-999.0	-999.0	-999.0	-999.0	-999.0					
3.333	3.533	4.342	6.022	2.574	-999.0	-999.0	-999.0	-999.0	-999.0	ROW 0120
-999.0	-999.0	10.21	10.19	9.103	-999.0	-999.0	-999.0	-999.0	-999.0	
6.642	6.200	5.876	6.008	5.422	6.536	-999.0	-999.0	-999.0	2.980	
-999.0	-999.0	-999.0	-999.0	9.021	7.995	5.320	5.142	5.593	-999.0	
-999.0	-999.0	27.39	68.81	14.12	7.464	5.815	3.642	5.502	-999.0	
-999.0	-999.0	-999.0	3.145	3.085	2.132	2.543	-999.0	-999.0	-999.0	
-999.0	4.971	5.193	7.202	11.74	23.05	29.57	18.89	10.60	10.45	
15.93	11.22	17.38	8.943	4.025	3.806	4.934	10.84	8.622	5.428	
1.496	-999.0	-999.0	-999.0	0.4907	-6.0059E-02	0.6016	-7.3242E-02	-0.1323	0.5576	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					

1.455	2.057	2.351	1.851	2.436	2.421	3.166	2.762	3.714	3.479	ROW 0 1
3.752	2.723	3.148	3.118	2.086	2.265	2.933	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	2.612	2.498	3.004	2.839	
2.735	2.131	2.463	2.401	2.669	2.478	1.717	1.826	1.281	1.859	
0.8135	1.524	1.298	1.929	2.551	5.847	6.642	7.132	6.640	6.516	
6.476	5.908	5.509	4.426	3.847	3.743	3.594	2.981	2.125	-999.0	
-999.0	0.2310	0.2451	0.5869	0.5815	0.2803	0.9697	0.4819	0.6030	0.9688	
0.9829	0.6934	0.4146	0.3770	0.9688	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.717	2.022	2.424	1.936	2.320	2.201	3.125	2.831	3.881	3.517	ROW 0 2
3.790	3.344	2.914	2.494	2.540	2.664	2.839	-999.0	-999.0	-999.0	
-999.0	2.150	2.588	2.356	3.249	3.368	3.024	3.207	2.928	2.476	
2.708	2.405	2.897	2.382	2.058	2.237	2.284	1.596	1.283	1.382	
1.857	1.840	2.338	3.126	4.615	6.938	7.247	7.433	7.453	7.453	
6.647	6.571	5.633	5.080	3.855	3.453	3.217	3.210	1.973	1.176	
0.1997	0.5195	0.7217	0.9380	0.8276	0.9526	1.028	1.236	0.3413	1.227	
1.015	0.8828	0.4023	0.5693	0.7036	0.6826	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.366	2.185	2.097	2.080	1.909	2.138	3.046	2.994	3.008	3.333	ROW 0 3
2.909	3.337	2.811	3.079	2.948	3.285	3.495	3.552	-999.0	-999.0	
2.713	3.306	3.117	2.992	3.330	3.322	2.773	3.546	2.579	2.599	
2.629	2.946	3.336	3.003	3.080	2.815	1.970	1.736	1.807	2.130	
1.472	2.446	3.227	4.727	5.789	7.657	8.691	9.231	9.136	8.112	
7.098	6.213	5.592	5.353	4.565	3.848	3.419	3.385	2.084	2.067	
0.7207	0.9233	6.5918E-02	0.6182	0.3682	0.7144	1.266	1.275	0.4580	0.6997	
1.039	1.227	0.3779	0.8672	0.5908	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.395	2.245	2.533	2.661	2.435	1.992	3.129	2.454	3.207	3.747	ROW 0 4
3.026	3.184	3.590	3.423	2.968	2.930	2.855	3.748	3.582	2.808	
2.877	2.910	3.603	3.330	3.642	2.832	3.323	2.798	3.574	2.931	
2.938	3.299	3.487	3.315	2.851	2.652	2.649	2.403	1.877	1.706	
2.591	2.761	3.317	4.849	6.149	8.197	9.632	9.516	9.083	8.306	
8.126	7.411	6.069	4.899	4.616	4.586	3.836	3.441	2.593	1.986	
1.687	1.009	0.7168	0.9580	0.6719	0.9531	1.157	1.138	0.5151	1.167	
1.235	0.4180	0.6406	0.9199	0.5459	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.723	1.792	1.813	2.706	2.744	2.157	2.447	3.162	3.269	3.196	ROW 0 5
3.344	3.414	2.838	3.022	3.196	3.627	3.699	3.163	3.860	3.843	
3.645	3.885	3.102	3.120	3.869	3.032	3.033	3.027	3.239	2.834	
2.852	3.100	3.113	3.078	2.630	2.644	2.895	2.879	2.464	2.147	
2.122	2.935	3.856	5.282	6.750	8.474	9.389	9.887	9.051	9.234	
8.250	6.909	6.117	5.825	4.817	4.593	3.459	3.595	3.268	2.404	
2.028	0.7231	-0.3242	0.9023	0.7686	1.067	1.313	0.6045	1.296	1.217	
1.415	0.8643	1.009	0.3994	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.787	1.604	1.854	2.063	2.387	2.552	1.935	2.982	2.273	3.231	ROW 0 6
2.637	2.673	2.964	2.942	3.802	3.024	3.257	3.875	3.825	3.905	
3.536	4.027	3.601	3.694	3.432	3.355	3.876	3.275	3.776	3.519	
3.541	3.713	2.715	3.045	3.473	2.638	2.597	2.720	2.503	2.530	
3.034	3.198	4.068	5.771	7.095	8.456	9.243	8.906	9.183	8.796	
8.324	7.516	6.243	5.437	4.758	4.068	4.417	3.917	3.035	2.321	
2.291	1.177	-9.5703E-02	0.7251	1.199	1.296	1.594	1.663	0.8433	0.9897	
1.101	1.100	0.6470	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.761	1.376	1.515	2.194	1.999	2.032	2.623	2.078	2.708	2.825	ROW 0 7
2.509	2.809	2.717	2.851	3.443	3.696	3.559	3.688	3.559	3.458	
3.514	3.563	4.179	4.080	3.520	4.012	3.959	3.661	3.341	3.150	
3.151	3.272	3.332	3.057	2.791	3.295	2.867	3.241	2.900	2.664	
3.496	3.973	4.636	5.757	6.424	7.780	9.220	9.266	9.001	8.259	

7.485	7.333	6.649	5.432	5.305	4.172	4.023	3.998	3.441	2.534	
2.345	1.764	1.225	1.728	1.187	1.762	1.530	1.660	1.474	1.809	
1.371	1.541	0.9233	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.193	1.704	2.176	1.942	2.343	2.403	2.358	2.380	2.664	2.404	ROW 0 8
2.223	3.051	3.214	3.500	3.431	4.079	3.440	4.057	3.537	3.525	
4.405	3.995	4.024	4.368	4.255	4.140	4.393	4.303	4.092	3.889	
3.793	3.825	3.885	3.552	3.610	3.222	3.379	3.291	2.443	2.981	
3.566	3.815	4.960	5.329	7.079	7.528	7.833	8.271	7.868	7.943	
6.994	6.581	5.566	5.058	4.628	4.187	3.721	3.297	3.109	3.162	
2.262	2.280	1.403	1.779	2.142	1.735	1.839	2.057	1.592	1.335	
1.038	1.465	1.337	1.175	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.369	1.168	1.551	1.829	2.148	2.454	1.949	1.642	2.663	2.511	ROW 0 9
2.867	2.936	2.844	3.037	3.228	3.171	4.153	3.460	3.980	3.881	
4.025	3.722	4.013	4.572	3.719	3.843	4.280	4.309	4.162	3.913	
3.632	3.576	3.287	3.674	3.344	3.181	3.579	2.778	2.834	3.032	
3.358	4.053	4.272	5.626	6.073	7.035	8.209	8.015	7.187	7.294	
7.200	6.539	6.249	5.601	5.070	4.500	3.862	4.168	3.492	2.738	
2.744	2.659	2.255	1.826	1.902	2.171	2.028	2.207	1.506	1.809	
1.985	0.9517	0.9121	1.502	1.324	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.159	1.383	1.631	1.683	2.238	2.021	2.223	1.574	2.170	2.615	ROW 0 10
2.853	2.715	2.736	3.219	3.583	3.452	4.152	4.359	3.619	3.970	
3.662	3.661	4.105	4.744	3.986	4.208	4.724	3.801	4.652	4.164	
3.617	3.983	3.634	3.408	4.173	4.182	3.199	3.823	3.710	3.229	
4.017	3.979	4.610	5.893	5.692	6.687	7.343	7.688	7.700	6.724	
6.426	6.487	5.915	5.352	4.897	4.357	3.702	3.891	3.940	3.722	
3.087	2.322	3.000	2.331	2.501	2.365	1.998	2.289	1.397	1.350	
1.144	1.822	1.487	1.535	1.708	0.7373	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.521	1.200	1.754	1.213	1.551	2.072	2.234	2.128	1.605	1.734	ROW 0 11
2.223	2.261	2.563	2.279	3.334	2.920	3.546	3.377	4.149	4.187	
4.072	3.770	4.398	3.945	4.112	4.295	4.790	4.848	4.494	4.561	
4.595	4.768	4.438	4.657	4.686	4.056	3.759	4.282	4.280	4.424	
4.727	4.417	5.424	5.759	6.417	6.363	6.526	7.094	6.427	6.456	
5.947	5.737	5.626	4.519	4.327	3.960	4.414	3.656	3.644	3.249	
3.323	3.083	3.046	2.961	2.001	2.750	2.405	1.593	1.447	2.041	
1.431	1.683	1.898	1.389	1.082	1.453	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.547	0.7920	1.214	1.243	1.379	1.788	1.751	1.972	1.951	1.872	ROW 0 12
2.564	2.697	2.389	2.759	2.707	3.187	3.687	4.256	4.372	4.028	
4.500	3.789	4.256	4.242	4.121	4.126	4.507	4.510	4.149	4.285	
4.690	4.330	4.997	4.265	4.830	4.540	4.934	5.060	4.422	4.656	
5.187	5.666	5.097	5.493	5.854	6.461	6.788	6.160	6.688	6.638	
6.031	4.975	4.594	4.382	4.577	4.494	4.182	3.612	3.711	3.372	
3.483	3.237	3.089	2.415	2.688	2.866	2.337	2.257	1.751	1.915	
1.817	1.512	1.032	1.338	0.9648	1.264	0.7241	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.004	1.445	1.380	1.771	1.896	1.322	2.191	1.748	2.117	2.148	ROW 0 13
1.925	2.067	2.158	2.695	2.387	3.552	3.114	3.793	3.443	3.762	
3.948	4.100	4.424	4.479	4.959	4.668	4.813	4.746	4.379	5.255	
4.896	4.852	4.891	4.902	4.795	5.166	4.369	4.915	5.760	5.559	
5.696	6.104	6.002	5.557	6.185	5.863	6.044	6.466	5.705	5.397	
5.784	4.980	5.123	4.577	3.930	4.136	4.135	3.848	3.187	3.052	
3.401	3.349	3.016	2.872	2.849	2.737	1.847	2.346	2.366	2.006	
1.347	1.439	1.308	0.9683	1.509	1.427	1.127	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

1.154	1.270	1.687	1.354	1.473	1.986	2.078	2.385	2.280	1.874	ROW 0 14
2.028	2.745	2.754	2.107	2.324	3.189	3.923	3.396	3.790	4.205	
3.929	4.167	4.571	4.649	4.112	4.191	4.742	4.630	4.819	4.825	
4.853	4.967	5.599	5.630	5.890	5.977	5.544	6.185	6.995	7.003	
6.975	6.157	6.501	5.856	5.860	5.823	5.701	6.301	6.114	5.700	
5.162	4.597	4.101	3.713	3.356	3.921	3.306	3.400	3.101	3.311	
2.980	3.134	2.938	2.841	3.061	2.396	1.960	1.891	2.313	2.336	
2.042	1.483	1.691	1.718	1.678	0.8057	1.159	1.225	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.5845	1.629	1.579	1.677	2.160	1.797	2.132	2.416	2.456	2.719	ROW 0 15
2.427	2.016	2.428	2.795	3.171	2.879	3.631	3.802	4.124	4.096	
3.651	4.355	4.319	4.021	4.283	4.616	4.754	4.631	4.722	5.074	
5.491	5.783	5.987	5.567	5.741	6.272	6.928	7.317	7.812	8.374	
8.001	7.194	7.216	5.817	6.118	5.846	5.153	5.340	4.917	4.559	
4.171	3.801	3.747	3.750	3.813	3.793	3.652	3.263	3.443	3.122	
3.210	2.638	2.514	2.452	3.114	2.793	2.665	1.885	1.594	1.904	
1.901	1.637	1.141	1.458	1.681	0.9561	1.482	1.237	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.260	0.8745	1.045	1.608	1.772	1.696	2.419	2.601	1.868	1.966	ROW 0 16
2.374	2.712	2.590	3.058	2.589	2.679	3.042	3.432	4.072	3.661	
4.195	3.804	4.044	4.013	4.282	4.024	5.115	4.936	5.793	5.245	
5.734	5.868	6.107	5.987	6.485	7.357	8.305	9.067	9.310	9.491	
8.437	8.446	7.529	6.434	6.185	5.762	5.152	5.375	5.142	4.059	
3.907	3.383	3.119	2.716	3.298	2.813	3.211	2.395	3.206	2.479	
3.149	3.277	2.407	2.284	3.078	2.911	1.925	2.297	2.178	1.686	
1.904	1.876	1.622	1.191	1.660	0.9443	1.610	1.528	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.301	1.646	1.557	1.432	1.348	1.620	1.821	2.586	2.021	2.488	ROW 0 17
2.825	2.420	2.905	2.800	3.331	3.394	3.429	3.401	3.987	3.641	
4.079	4.408	3.992	3.904	4.640	4.388	4.800	5.262	4.925	5.385	
6.005	6.361	6.433	7.134	7.101	7.774	9.619	11.04	10.65	10.69	
9.652	9.521	8.164	6.881	6.275	6.231	5.707	4.498	3.886	4.360	
3.844	3.452	3.313	2.699	2.884	2.940	1.994	2.865	2.398	2.368	
2.623	2.520	2.284	2.142	2.896	2.672	2.665	2.058	2.006	1.631	
2.004	1.151	1.091	0.9517	0.8311	0.6934	1.055	1.096	1.430	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.6235	0.9736	1.951	1.285	2.053	2.392	1.773	1.982	2.341	2.745	ROW 0 18
3.048	3.084	2.910	3.389	3.065	2.870	3.258	3.284	3.279	4.095	
4.393	3.918	3.709	4.082	4.146	3.545	4.307	4.266	5.115	5.209	
5.395	5.750	6.537	6.919	7.377	9.056	11.92	13.56	12.41	11.72	
10.56	10.14	8.357	7.871	6.258	5.961	5.062	4.826	4.336	3.423	
3.215	3.162	2.098	1.975	1.698	2.333	2.073	1.696	2.006	1.890	
2.169	2.709	2.153	2.033	2.556	2.019	2.765	2.049	2.000	1.672	
2.134	1.392	1.494	1.635	1.003	0.8892	1.057	0.6572	0.5845	0.3711	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.7871	1.800	1.420	2.058	1.862	1.875	2.106	2.503	2.589	3.127	ROW 0 19
2.540	2.906	3.399	3.180	3.534	3.760	3.875	3.709	3.817	3.699	
3.876	4.078	4.042	4.427	3.674	4.348	4.470	4.296	4.954	4.874	
5.516	5.538	6.240	7.386	9.051	11.34	14.52	14.35	13.90	12.27	
10.73	9.748	9.092	7.831	6.914	6.606	5.371	4.357	4.114	3.793	
3.124	2.347	2.063	1.543	1.846	2.108	1.514	1.955	2.077	1.878	
1.523	1.651	1.522	2.056	2.074	1.966	2.234	2.209	2.078	1.752	
1.253	1.598	0.8765	1.113	1.411	0.6606	0.5210	0.9854	0.6714	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.5771	0.7910	1.974	2.055	1.977	2.761	2.541	2.911	2.536	2.999	ROW 0 20
2.887	3.187	3.009	3.580	3.177	3.500	3.585	3.401	3.990	3.585	
3.839	3.884	3.917	3.794	3.756	3.600	4.042	4.210	4.518	4.758	
5.157	5.542	6.338	7.301	9.074	11.34	13.60	14.60	13.13	11.99	
10.79	10.24	9.642	8.651	7.163	6.399	5.519	5.195	3.986	3.104	

2.840	2.258	2.458	1.461	1.307	1.188	1.280	0.7871	1.587	1.486	
1.588	1.748	2.026	1.972	2.292	2.408	1.915	2.388	2.238	1.916	
1.456	1.881	1.325	0.7847	1.146	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.9199	0.9878	1.819	2.447	2.662	2.431	2.652	2.688	2.922	3.378	ROW 0 21
3.375	2.814	2.862	3.074	3.369	3.353	4.000	4.081	3.848	4.074	
4.056	3.705	3.895	4.006	3.629	3.688	3.914	4.464	3.732	4.510	
4.010	5.069	5.150	6.444	8.603	10.52	12.42	12.36	11.81	10.66	
10.77	9.931	9.221	9.108	7.512	7.165	6.302	5.214	4.087	3.336	
3.127	2.777	2.344	1.756	1.033	1.338	1.047	0.2900	0.7896	0.6860	
0.6416	0.5820	1.315	1.718	1.697	1.327	2.187	1.958	1.531	1.259	
1.840	1.321	1.028	0.9922	1.263	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.7183	0.7534	1.866	2.356	2.603	2.524	3.129	2.971	3.273	2.864	ROW 0 22
3.440	3.618	3.061	3.566	3.972	4.147	4.003	4.416	4.168	4.089	
4.490	4.408	3.790	4.033	4.254	3.716	4.160	3.605	4.107	3.938	
4.687	4.726	4.212	5.718	6.388	9.029	10.29	11.05	10.64	9.943	
10.08	9.835	9.022	8.681	8.602	7.315	6.553	5.639	5.508	4.480	
3.930	3.002	1.833	1.532	1.049	0.3525	1.034	0.4185	-0.1221	3.0273E-02	
0.7891	0.2900	0.4502	1.255	1.357	0.9692	1.640	1.824	2.032	1.854	
1.521	0.9209	0.9399	1.535	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.9287	1.442	1.535	2.646	2.583	2.729	2.458	2.839	2.823	3.273	ROW 0 23
3.205	3.284	3.584	3.665	3.757	4.493	3.931	4.076	4.223	4.872	
4.618	3.958	4.671	4.097	3.826	4.648	4.402	4.422	4.301	4.464	
3.987	4.557	5.235	5.355	5.553	6.837	7.820	9.210	8.795	9.120	
9.084	9.399	8.736	8.224	8.315	7.752	7.168	6.126	5.893	4.878	
3.572	2.901	2.972	1.851	1.611	1.246	0.2925	-0.2227	6.1035E-02	-6.1035E-02	
-1.3184E-02	0.4683	-0.1274	0.9893	1.335	1.100	0.8799	1.151	1.959	1.916	
1.034	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.060	1.290	1.702	2.470	2.993	3.001	3.148	2.789	3.240	3.700	ROW 0 24
3.289	3.382	4.021	3.806	3.586	4.319	4.317	4.597	4.776	4.849	
4.266	4.264	4.564	4.563	3.876	4.744	3.917	3.822	3.944	4.718	
4.491	4.305	5.299	5.722	6.201	6.062	6.791	7.968	7.591	8.314	
8.298	7.925	8.184	8.148	8.326	8.351	7.440	7.193	6.108	5.281	
5.022	3.456	2.645	2.666	1.643	1.013	0.4434	-0.5068	0.2437	-0.5889	
-0.3496	0.2207	-0.1855	0.1704	0.7271	0.6626	0.6533	1.240	1.626	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.6748	0.7881	1.939	3.270	2.740	2.774	2.911	3.378	2.862	3.009	ROW 0 25
3.520	3.756	3.847	3.499	3.859	4.001	4.945	4.942	4.971	4.840	
4.354	4.816	4.738	4.525	4.480	4.816	4.146	4.211	4.283	4.346	
4.301	5.063	4.624	5.104	5.296	6.201	6.552	7.226	6.906	7.549	
7.899	7.241	7.213	8.185	7.612	7.941	7.847	6.961	7.106	6.435	
5.134	4.609	3.795	2.773	2.548	0.8608	0.3516	0.4043	-0.7329	-0.4102	
-3.7109E-02	-0.3647	-0.6221	-8.7402E-02	0.6172	0.6279	0.6899	0.4951	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.3154	1.261	1.763	2.984	2.755	3.448	3.223	3.082	3.733	3.813	ROW 0 26
3.099	4.065	4.253	3.531	3.725	4.462	5.521	5.442	5.684	5.548	
5.449	5.306	4.788	4.960	4.505	4.344	4.872	4.438	4.933	4.559	
4.705	5.070	4.833	5.013	5.493	5.448	5.933	6.333	6.609	6.721	
6.724	6.388	7.275	7.695	7.122	7.573	7.833	7.427	7.768	7.200	
5.926	5.310	4.411	3.328	3.156	1.630	0.8540	0.1270	0.1001	-0.4712	
-1.010	-0.2646	-0.4180	-0.7441	6.8359E-02	1.8555E-02	0.8647	0.8721	1.216	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

0.6074	1.191	1.887	2.547	3.523	3.188	2.825	2.971	3.612	3.125	ROW 0 27
3.877	4.109	3.984	3.593	4.108	4.712	5.896	6.599	5.476	5.550	
5.377	5.354	4.595	4.786	4.279	4.848	4.640	4.331	4.405	4.626	
4.659	5.153	5.809	5.060	5.419	5.658	5.898	5.937	6.140	6.011	
5.996	5.655	6.029	6.792	7.233	7.127	7.192	7.796	8.131	7.475	
7.122	6.376	5.332	5.189	3.413	2.886	1.316	0.6855	-0.2739	-0.7705	
-0.2656	-0.5322	-0.6475	0.1348	7.7148E-02	-7.5195E-02	0.6816	0.8047	0.4888	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
0.3052	1.027	2.074	3.054	3.139	2.851	3.136	3.333	3.719	3.507	ROW 0 28
4.000	3.445	4.490	4.302	4.744	5.362	6.279	6.846	6.713	5.816	
5.481	4.755	5.345	4.519	5.045	4.541	4.268	4.737	5.409	4.673	
5.695	5.096	5.899	5.620	5.906	6.241	5.861	6.060	5.714	4.772	
5.083	5.311	5.522	6.231	7.051	7.146	7.687	8.053	8.219	8.267	
7.640	7.622	6.317	5.782	4.571	3.617	1.712	1.011	1.060	0.6089	
0.1035	-0.2939	-0.4863	-0.6885	0.3091	0.1196	0.8052	0.8037	0.4209	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.600	1.571	2.068	2.636	3.150	3.676	3.605	3.337	3.290	3.554	ROW 0 29
4.440	4.468	3.904	4.635	4.970	5.720	6.611	7.521	6.477	5.688	
5.341	5.411	5.327	4.874	4.879	4.789	5.267	5.572	5.290	5.170	
5.921	5.642	5.692	6.220	6.269	5.734	5.988	5.354	4.971	4.879	
4.157	4.230	5.468	5.445	6.600	6.194	7.116	7.165	7.064	7.621	
8.389	7.924	7.375	6.972	5.445	4.659	2.640	1.857	0.8867	0.4678	
-0.1011	0.2192	-0.1533	-0.4053	-0.3765	0.4668	0.1265	0.8130	0.8960	0.8267	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.458	1.478	2.367	3.352	2.989	3.709	3.297	3.738	4.275	3.919	ROW 0 30
4.685	4.635	4.426	4.964	5.377	5.969	6.933	7.598	6.650	6.014	
5.266	4.709	4.626	4.347	5.333	4.650	5.549	5.317	5.348	6.008	
6.133	6.503	6.716	6.780	6.516	5.991	6.310	5.722	4.689	4.631	
3.662	2.948	4.457	5.234	5.571	5.567	6.254	6.124	6.903	7.586	
8.414	8.058	8.125	7.846	6.518	5.208	3.896	2.927	1.843	1.389	
0.5771	0.6284	9.4238E-02	-0.1904	-7.2754E-02	0.9556	0.8940	0.9497	1.505	1.013	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.566	1.979	2.933	3.322	3.329	3.404	4.238	3.894	3.728	4.387	ROW 0 31
4.637	4.326	5.200	5.159	4.830	5.880	6.581	7.269	8.792	5.795	
5.356	4.718	4.379	5.054	5.226	5.108	5.629	6.098	7.017	6.574	
7.422	7.260	6.771	7.108	6.553	6.981	6.228	5.834	4.623	3.809	
2.916	0.2793	3.844	5.124	5.640	6.127	5.723	4.926	4.617	6.142	
7.384	8.794	8.520	8.156	7.612	6.918	5.141	4.854	3.473	2.767	
1.750	1.647	1.057	0.8062	1.108	0.5010	1.059	1.186	1.106	1.121	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.448	2.664	3.659	3.765	4.003	3.803	4.525	3.770	4.903	4.675	ROW 0 32
4.719	4.702	5.109	5.158	6.006	6.190	6.256	7.118	6.606	4.761	
5.193	4.727	4.380	5.416	5.828	6.067	6.539	7.573	8.273	7.861	
8.007	8.446	8.240	7.460	7.883	7.218	6.526	6.180	4.938	4.378	
3.771	3.509	4.200	4.417	5.457	5.485	5.948	4.045	1.317	5.675	
7.847	8.599	9.225	9.620	8.738	7.603	7.231	5.422	4.587	3.432	
3.276	2.147	1.659	1.473	1.030	0.9067	1.253	1.609	1.230	2.228	
2.401	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.063	2.617	3.750	3.768	3.467	3.789	4.680	4.772	4.613	5.272	ROW 0 33
5.073	5.659	5.307	6.024	6.035	6.680	7.163	7.357	6.324	4.696	
4.965	5.337	5.800	6.080	5.959	7.219	7.919	8.559	9.381	9.203	
9.677	9.072	8.856	8.287	8.117	8.035	7.576	7.052	5.555	4.910	
4.213	4.560	4.746	5.543	5.966	6.200	5.557	5.366	5.438	6.315	

8.514	9.184	9.589	10.30	9.898	9.232	8.104	6.600	6.333	4.694	
4.242	3.103	3.054	2.725	2.564	1.958	2.115	1.819	1.764	1.522	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.174	2.848	4.000	4.427	4.454	4.771	5.074	5.150	4.787	5.179	ROW 0 34
5.133	6.014	5.790	6.476	7.218	7.385	7.406	7.843	6.844	4.958	
5.890	5.659	6.533	7.055	7.693	8.494	9.434	10.54	11.15	11.52	
11.24	10.69	10.31	10.07	9.602	8.129	7.807	7.044	7.210	6.481	
6.089	5.665	5.429	5.708	6.311	6.490	6.597	6.648	7.326	7.720	
8.917	10.41	10.71	10.99	11.07	10.80	9.015	8.760	6.919	6.716	
5.722	4.356	4.007	3.329	2.633	2.492	2.220	2.057	1.865	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.309	4.112	4.308	4.461	5.089	4.965	5.009	5.158	5.626	5.589	ROW 0 35
5.725	5.884	6.562	6.832	8.062	8.282	9.292	8.805	8.380	6.715	
7.904	7.975	7.656	8.129	9.195	10.51	11.73	13.27	13.88	13.71	
12.86	12.79	11.58	11.06	10.24	9.555	8.913	8.438	7.823	7.687	
7.282	6.654	7.033	7.251	7.084	7.529	7.222	7.846	8.241	9.493	
10.22	10.67	11.81	12.68	12.25	11.40	10.96	10.09	8.599	7.870	
7.332	6.545	5.103	4.797	4.478	3.588	3.164	2.676	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.770	4.265	4.132	4.798	5.425	5.358	5.479	5.760	6.158	5.430	ROW 0 36
6.265	7.181	7.368	7.387	8.477	10.43	11.74	11.75	11.17	9.773	
14.02	10.26	9.902	10.75	11.26	12.86	15.11	18.10	18.28	15.27	
15.69	14.87	13.24	13.08	12.16	11.65	10.86	9.276	9.292	8.342	
8.585	8.520	8.519	7.696	8.022	8.389	8.890	9.363	9.855	9.797	
10.67	12.01	12.88	13.38	13.48	13.10	12.21	11.76	10.64	9.400	
8.543	7.401	6.833	5.647	5.574	4.865	4.209	3.935	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.042	3.908	4.951	4.694	5.582	5.930	5.988	6.067	5.966	6.644	ROW 0 37
6.737	7.294	7.893	8.488	10.46	12.28	14.55	15.36	14.78	13.58	
16.94	13.53	12.89	13.78	14.33	16.37	20.27	23.91	26.38	26.82	
28.51	26.07	23.68	19.17	14.10	12.91	11.75	11.08	10.19	10.19	
10.04	9.379	9.743	9.075	9.630	9.256	9.882	9.522	10.35	10.90	
12.54	12.60	14.16	14.19	14.94	14.20	13.92	12.96	12.27	11.52	
10.45	9.219	8.535	7.323	6.456	6.021	5.115	3.976	3.575	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.240	5.040	4.587	4.905	5.336	5.650	6.382	6.670	6.444	6.761	ROW 0 38
7.604	8.639	9.051	9.528	12.29	15.72	18.89	20.40	21.05	19.37	
18.04	16.83	17.02	17.65	18.89	21.62	26.47	30.96	38.76	46.08	
54.10	49.49	44.65	36.93	26.13	19.33	14.43	12.42	11.88	11.21	
10.82	10.87	10.94	10.99	10.50	10.35	10.22	11.18	11.46	12.58	
12.85	13.51	14.65	15.25	15.65	15.65	15.11	14.93	13.90	12.82	
12.53	11.27	10.56	9.443	7.896	6.994	5.814	5.222	4.623	4.672	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.644	5.376	5.189	6.035	6.018	7.442	7.693	7.185	6.233	7.612	ROW 0 39
8.487	9.569	10.37	11.67	14.03	18.49	23.95	27.39	28.68	27.98	
25.80	24.34	23.56	23.52	24.78	28.05	32.37	37.51	50.95	65.44	
75.82	72.84	68.19	57.02	45.48	35.13	24.47	18.22	13.21	12.34	
12.31	11.88	11.99	12.38	11.69	11.73	11.90	12.26	13.04	12.73	
13.58	14.74	15.38	15.55	15.63	16.47	15.84	15.58	15.43	15.17	
13.67	13.55	12.00	11.14	10.05	8.873	7.814	6.138	5.746	4.512	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

4.898	5.779	5.707	5.894	6.837	8.028	8.271	8.900	8.811	8.558	ROW 0 40
8.554	9.752	12.22	13.40	15.48	21.31	30.09	35.58	39.29	40.01	
37.20	35.17	33.75	33.55	33.94	37.84	41.90	47.85	63.33	78.29	
82.21	84.72	84.44	77.62	63.77	51.44	39.56	30.08	19.37	14.18	
13.22	13.26	13.73	13.14	13.15	13.36	13.88	13.71	14.05	14.32	
14.70	15.41	15.52	16.29	16.94	16.81	17.19	16.96	16.83	16.57	
16.03	15.00	13.79	13.33	11.79	10.37	9.395	8.220	7.611	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.918	5.793	6.668	6.840	8.231	10.04	9.899	9.807	9.474	9.423	ROW 0 41
10.78	12.33	14.32	15.70	17.79	25.76	38.62	47.57	52.82	54.42	
52.64	51.74	47.62	46.99	47.53	50.70	55.61	63.04	76.31	88.55	
88.52	88.91	88.89	88.68	81.68	66.41	53.34	41.65	30.83	19.91	
14.77	15.83	15.76	15.92	15.66	15.15	15.11	15.50	15.49	15.37	
15.26	15.63	16.46	16.90	17.16	16.92	17.35	18.15	18.07	16.91	
16.49	16.65	15.83	14.85	13.88	12.19	11.19	9.558	8.486	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5.777	6.896	7.207	8.082	9.740	11.57	11.09	11.03	11.26	11.26	ROW 0 42
14.40	16.59	17.46	18.55	20.24	31.95	50.12	63.24	70.80	71.99	
70.82	69.06	67.84	65.49	65.57	68.92	72.82	80.22	87.98	92.86	
93.65	93.10	92.91	92.66	92.24	80.25	65.83	53.37	42.47	31.06	
21.18	17.75	18.32	18.21	17.99	18.02	17.62	16.71	16.45	17.01	
16.59	16.68	16.34	16.60	17.70	17.93	17.42	18.25	18.23	18.19	
17.94	17.35	16.96	16.51	15.10	13.97	12.64	12.59	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.574	7.413	8.793	8.923	11.38	12.70	12.84	12.29	12.51	13.83	ROW 0 43
17.94	21.24	24.51	24.89	24.19	43.69	66.68	83.28	94.90	99.42	
96.58	94.40	96.01	92.96	89.75	90.14	90.50	92.55	96.74	99.32	
98.76	97.80	97.25	96.00	95.04	88.55	76.33	65.14	53.50	41.73	
29.33	22.47	22.27	22.31	20.95	20.96	19.52	19.53	19.14	18.42	
17.88	17.76	17.26	17.52	17.49	17.43	18.51	18.32	18.33	18.36	
18.29	17.94	18.03	17.14	16.25	15.37	14.39	13.52	13.82	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.579	7.459	9.960	10.87	11.88	12.71	12.98	13.11	13.85	15.40	ROW 0 44
21.28	26.30	32.83	40.06	46.42	69.66	90.48	109.0	124.8	134.0	
133.4	136.2	136.5	128.7	120.0	114.1	109.6	106.9	108.1	106.0	
104.9	103.0	101.9	100.4	98.48	94.44	86.62	75.25	63.62	51.94	
40.98	29.28	26.49	25.92	24.57	24.16	23.02	22.21	20.85	20.10	
19.43	19.18	18.63	18.79	18.72	18.46	18.05	18.53	18.38	19.37	
19.35	19.21	18.85	17.65	17.43	16.11	15.54	15.28	14.65	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.217	7.274	10.39	11.29	12.81	13.43	14.63	14.61	15.26	16.34	ROW 0 45
23.46	32.10	42.06	54.65	71.00	92.25	115.4	138.4	160.2	177.1	
188.6	192.7	193.7	173.4	154.2	140.3	129.2	120.8	118.1	113.6	
110.9	108.0	105.9	103.8	101.0	98.15	94.87	85.35	73.57	63.48	
51.49	37.94	31.54	30.26	29.32	28.02	26.49	25.02	23.83	23.16	
21.44	21.08	20.49	19.55	19.32	18.77	18.92	18.85	18.51	19.40	
19.39	19.39	18.36	17.94	17.59	17.14	16.49	16.15	15.25	14.92	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.749	5.933	10.25	12.72	13.87	14.98	15.10	15.64	16.66	17.95	ROW 0 46
24.50	35.58	48.41	65.13	86.11	112.0	140.6	170.0	199.5	226.5	
250.0	260.7	275.7	224.3	187.5	165.2	147.9	134.1	125.5	121.2	
117.4	113.3	110.8	107.2	103.3	99.25	94.14	87.75	78.61	69.12	
58.63	46.58	38.28	35.27	33.30	31.14	30.30	28.20	27.19	25.61	

23.93	22.55	21.90	20.81	20.31	19.43	19.15	18.63	18.85	19.59	
19.53	18.63	18.93	19.08	18.57	17.09	16.55	16.58	15.54	15.48	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
1.350	5.933	9.744	12.29	14.61	15.81	17.01	17.28	17.95	18.90	ROW 0 47
24.00	36.25	51.63	71.37	96.43	127.1	163.7	202.7	242.3	280.4	
323.7	327.1	413.1	270.6	213.1	185.5	164.3	145.0	132.4	127.0	
123.0	118.2	114.7	111.4	106.5	102.0	96.06	89.01	80.75	71.76	
60.92	50.25	43.44	40.20	38.32	36.04	33.72	31.89	29.96	28.45	
26.90	25.51	23.84	22.51	21.68	20.49	19.84	19.83	19.60	19.04	
18.87	19.02	19.47	18.97	18.09	17.62	17.21	16.73	16.22	15.49	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.010	5.461	8.353	12.63	15.96	17.61	18.55	19.03	19.48	20.28	ROW 0 48
21.81	32.56	51.40	72.89	100.9	136.4	180.3	232.3	286.2	328.3	
437.2	329.4	313.4	257.7	220.4	199.3	179.7	156.1	139.9	133.2	
127.8	123.6	119.7	115.5	110.4	105.4	99.06	91.09	83.14	73.72	
63.94	54.86	48.40	44.83	42.51	39.79	37.84	36.20	34.30	32.03	
29.58	28.22	26.36	24.85	22.69	22.02	20.99	20.49	19.73	19.82	
19.46	19.52	18.99	18.72	18.21	18.33	17.21	16.98	15.85	14.83	
14.90	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.361	4.456	7.963	11.92	16.30	18.96	19.70	20.56	20.42	21.61	ROW 0 49
23.24	29.79	46.14	68.12	98.58	138.2	188.4	255.9	311.5	317.8	
341.5	308.1	277.6	242.8	218.5	206.5	187.7	163.6	144.6	137.6	
132.5	128.2	123.9	119.4	114.9	109.4	102.3	94.35	85.58	77.05	
67.46	59.77	53.47	49.98	46.68	44.22	41.59	39.15	37.48	35.35	
32.87	31.45	28.38	26.66	25.20	23.12	21.61	20.67	20.34	19.90	
19.21	19.05	18.53	18.36	18.22	17.98	17.61	17.40	16.17	15.18	
14.31	13.34	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.028	3.649	6.358	11.19	16.89	20.12	20.56	21.22	22.31	22.91	ROW 0 50
25.01	27.31	37.46	53.46	86.62	129.4	180.4	237.9	295.6	317.3	
345.1	294.5	259.0	230.0	210.6	200.2	191.0	173.3	151.7	141.2	
137.2	133.7	129.6	124.4	119.9	114.3	107.4	98.62	89.30	79.30	
71.22	64.34	59.11	54.70	50.53	48.11	45.68	42.50	41.07	39.04	
36.65	34.16	31.83	29.84	27.07	25.62	23.62	22.21	21.26	20.13	
20.19	18.86	19.28	19.24	18.40	18.68	18.04	16.78	16.08	15.93	
14.70	12.91	11.99	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.872	3.546	5.275	11.31	17.42	20.94	21.73	22.94	23.69	24.80	ROW 0 51
26.57	30.10	32.77	35.89	65.87	113.5	164.6	221.1	280.9	311.1	
311.3	276.2	244.0	218.7	202.4	196.0	192.6	183.5	161.8	145.9	
142.7	138.9	134.2	130.0	126.2	121.7	114.5	104.8	94.47	82.27	
74.16	68.38	62.97	58.80	55.11	51.45	48.02	46.06	43.84	41.94	
39.62	37.05	34.53	32.24	30.16	28.39	26.05	24.22	22.83	21.12	
20.57	19.95	19.43	18.52	18.99	17.79	17.78	17.65	16.25	15.62	
14.13	13.02	12.13	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.872	4.416	4.179	8.436	14.94	20.66	23.46	24.80	25.76	26.42	ROW 0 52
28.25	30.97	33.54	35.86	52.67	93.88	143.6	201.2	265.0	307.6	
304.1	265.3	233.0	210.2	198.3	195.6	199.3	201.5	179.2	151.8	
147.8	144.2	139.6	136.2	133.4	130.3	125.1	113.8	100.4	86.72	
77.61	72.42	67.34	62.62	58.13	55.02	51.44	48.56	46.56	44.75	
42.43	39.81	38.18	35.65	33.30	30.31	28.75	26.63	23.97	22.82	
21.86	20.89	20.03	19.29	19.06	18.35	18.04	16.88	16.54	16.03	
14.65	13.22	12.34	11.30	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

3.900	4.328	5.242	7.878	14.27	21.36	25.18	26.98	27.92	28.46	ROW 0 53
29.98	32.74	34.36	37.85	40.27	64.60	116.6	173.7	229.8	286.0	
322.3	260.7	226.8	205.7	198.8	203.5	217.5	247.0	224.6	176.3	
153.7	149.4	145.0	142.6	141.1	142.2	142.9	125.3	107.2	91.40	
80.91	75.79	70.30	65.90	61.34	57.58	54.68	52.73	49.85	47.20	
44.96	43.31	41.55	38.86	36.42	33.31	30.66	28.44	26.68	24.35	
23.14	21.85	20.76	19.64	18.69	18.42	17.74	17.35	16.92	15.41	
14.10	13.87	12.65	11.65	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.157	5.483	5.572	7.523	13.40	19.82	26.01	29.32	29.80	30.68	ROW 0 54
31.57	33.84	36.51	38.51	41.87	45.61	86.41	145.5	196.3	240.7	
258.6	237.0	217.6	203.8	201.9	217.0	251.0	357.2	296.2	211.9	
160.6	154.5	150.3	147.1	147.7	154.7	181.4	138.4	115.0	97.35	
85.43	79.95	75.29	70.20	65.43	61.87	58.48	56.29	53.41	50.88	
48.80	46.30	44.60	41.97	39.54	36.44	33.76	31.56	28.85	26.59	
24.19	22.81	21.44	20.10	18.86	18.98	17.78	17.06	16.41	15.79	
14.50	13.42	12.57	11.19	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5.513	5.626	6.235	6.713	12.10	19.74	26.82	31.08	31.84	32.34	ROW 0 55
34.00	35.13	37.43	39.93	42.27	44.98	74.57	125.3	170.4	207.6	
224.5	217.9	211.1	199.4	202.2	226.4	292.3	692.0	388.9	257.4	
183.4	156.9	153.8	150.2	149.2	150.1	151.3	133.8	117.5	102.4	
91.12	85.54	79.83	74.08	70.07	65.61	62.59	60.01	57.02	54.54	
52.65	50.42	48.00	45.63	42.44	39.53	37.02	33.96	31.39	29.34	
26.98	24.46	22.91	21.46	20.08	18.94	18.16	17.02	16.10	15.27	
14.83	13.65	12.79	11.33	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5.791	6.010	7.521	7.530	12.14	19.45	27.80	33.07	34.07	34.55	ROW 0 56
36.40	37.90	39.57	41.15	43.11	45.41	68.84	112.6	150.7	184.6	
200.9	200.5	195.6	189.3	193.1	211.1	248.8	361.8	311.8	245.3	
196.7	168.2	157.4	151.0	147.2	144.8	140.9	130.7	118.6	108.0	
97.79	91.04	84.40	79.15	73.95	70.55	66.81	63.75	61.42	58.90	
56.20	53.36	51.47	48.58	45.88	43.40	40.22	37.42	35.10	32.34	
29.15	26.70	24.10	22.50	21.08	19.80	18.91	17.24	16.97	15.80	
15.02	13.49	12.32	10.65	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6.165	6.713	8.404	8.181	12.21	19.67	27.92	33.61	35.85	36.41	ROW 0 57
37.96	39.43	41.14	42.60	44.33	45.92	65.54	103.0	136.9	168.0	
184.2	185.9	184.2	177.3	178.7	188.3	206.8	257.0	250.6	216.2	
189.1	170.4	158.3	151.4	145.8	141.5	138.0	125.1	115.8	111.4	
105.9	97.10	89.51	84.05	78.86	74.56	71.05	68.49	65.88	62.29	
59.78	57.33	54.89	51.71	49.60	46.77	43.11	40.73	37.76	35.33	
32.44	29.17	26.67	24.07	22.54	20.27	19.40	17.75	17.08	16.43	
15.09	13.93	11.89	11.29	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
7.468	8.360	8.542	9.793	11.44	17.16	26.18	33.88	37.85	38.44	ROW 0 58
39.66	40.83	42.33	43.60	45.06	46.91	62.94	95.07	127.0	155.2	
169.5	173.1	174.3	168.1	168.7	171.5	175.7	178.1	191.1	180.9	
173.0	164.0	156.1	149.4	143.5	137.1	128.9	119.2	117.1	115.8	
120.8	104.0	95.43	89.47	83.63	79.61	75.42	72.30	69.40	66.62	
63.33	60.39	57.67	55.14	52.72	49.53	46.48	43.66	41.17	38.13	
34.59	31.58	29.28	26.84	24.36	22.24	20.36	19.03	17.47	16.26	
15.10	13.35	12.06	11.38	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
7.958	9.137	10.32	11.43	11.80	16.64	26.47	35.10	39.89	40.39	ROW 0 59
41.66	43.12	44.17	45.20	46.52	48.10	59.03	88.55	120.3	146.1	
156.5	160.3	161.6	162.5	162.5	163.8	166.9	167.5	163.5	161.1	
160.2	157.3	151.6	146.8	140.8	134.9	126.3	118.8	116.3	113.7	
112.3	104.7	98.53	93.99	88.10	83.82	79.06	75.44	72.33	68.51	

66.42	63.95	60.83	57.88	55.04	52.46	49.16	47.06	44.18	40.62	
37.47	34.77	31.65	28.44	26.18	23.24	21.61	19.50	18.14	16.14	
15.20	13.46	12.23	10.73	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
8.738	10.58	11.29	12.18	13.08	17.55	25.92	36.17	41.28	42.32	ROW 0 60
42.86	44.19	45.52	46.26	47.86	49.99	52.83	78.18	120.2	143.8	
148.4	152.6	155.5	156.2	156.7	157.5	158.7	159.1	157.8	155.7	
152.9	151.6	148.2	144.2	139.3	134.6	128.3	122.0	116.8	113.0	
110.3	106.4	101.4	96.93	91.80	86.74	81.77	77.17	73.91	71.12	
68.26	66.15	63.41	60.86	58.50	55.51	52.95	49.74	46.61	43.63	
40.97	37.67	34.83	31.77	27.75	25.05	22.80	21.06	18.99	17.23	
15.39	14.23	12.06	10.80	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
10.03	11.78	12.35	13.54	14.36	17.80	25.77	35.38	42.20	42.73	ROW 0 61
43.95	45.71	46.04	48.27	49.78	50.83	53.10	75.18	118.1	141.2	
144.2	147.5	149.3	150.0	151.1	150.0	151.4	152.6	152.3	151.0	
149.2	148.1	145.3	142.5	138.5	135.5	132.0	127.3	120.4	114.7	
112.4	109.3	105.8	100.0	94.02	87.91	83.28	78.76	75.43	72.75	
69.96	67.02	64.48	62.27	60.36	58.00	55.17	52.69	49.27	47.02	
43.99	40.19	37.67	33.72	30.96	27.45	24.59	21.75	19.17	17.73	
15.17	13.54	12.24	11.60	9.907	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
10.85	12.61	13.83	15.65	16.38	17.73	23.61	32.25	41.16	44.37	ROW 0 62
45.26	46.22	47.38	49.00	50.47	52.05	54.21	70.01	112.3	137.7	
139.8	142.2	143.6	144.0	144.4	142.6	142.6	143.9	145.2	145.3	
144.8	143.8	141.8	139.7	138.9	136.7	135.3	132.2	126.7	120.9	
117.3	116.0	113.7	105.0	97.07	89.61	83.98	79.48	76.25	73.53	
70.62	67.58	66.11	64.24	61.86	60.03	56.89	54.96	52.21	48.79	
46.50	43.27	40.12	36.31	33.68	30.21	27.28	24.08	20.46	18.69	
16.51	14.03	12.40	11.66	10.09	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
12.78	13.72	15.49	17.20	18.02	19.60	22.68	30.61	39.81	45.58	ROW 0 63
46.39	47.31	48.06	48.82	50.59	52.45	55.52	59.87	101.4	133.8	
135.6	137.2	137.6	136.8	135.3	133.6	133.4	134.5	137.1	138.5	
139.4	139.0	138.6	139.0	139.3	138.1	137.6	134.8	131.6	127.1	
124.1	124.5	130.7	110.3	99.15	92.15	85.30	80.59	76.17	73.35	
70.29	68.01	66.59	64.06	63.10	60.79	59.12	56.66	53.60	51.03	
48.54	45.88	42.12	39.56	35.92	32.74	28.92	25.62	22.11	19.26	
16.85	15.51	13.05	11.37	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
13.64	15.39	17.50	18.88	20.47	21.17	22.28	27.84	37.34	43.75	ROW 0 64
47.21	47.44	48.74	49.85	50.97	52.82	54.75	70.38	108.4	130.9	
132.1	131.9	131.5	129.5	127.0	125.0	124.4	126.2	129.7	133.1	
134.7	135.2	137.7	138.4	139.7	140.7	141.0	139.8	137.8	135.2	
132.6	128.9	121.4	107.8	99.92	92.25	86.22	80.11	76.35	72.23	
69.98	67.60	66.21	64.95	63.37	61.45	60.07	57.97	55.61	52.76	
50.00	48.01	44.76	41.61	38.67	34.90	31.34	27.78	23.89	20.77	
18.19	15.80	13.48	11.48	9.941	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
13.58	16.65	19.14	20.74	22.11	23.17	24.11	28.53	35.89	43.78	ROW 0 65
47.26	48.28	48.58	49.32	50.51	51.49	59.78	81.12	110.5	129.0	
129.1	128.1	126.8	123.8	120.4	117.5	117.1	119.1	122.8	127.1	
130.9	132.8	135.6	138.6	141.8	142.9	144.3	145.4	145.5	145.8	
144.6	141.5	125.9	108.7	100.1	92.22	85.60	79.92	74.70	72.26	
68.76	67.35	66.19	64.17	62.89	62.18	59.93	58.05	56.37	54.19	
52.07	48.75	46.11	42.98	40.36	36.57	32.26	28.52	25.39	22.00	
19.32	17.24	15.02	12.31	10.29	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					

14.10	17.29	20.40	22.98	23.65	25.23	25.08	28.45	36.11	43.82	ROW 0 66
47.44	48.47	49.14	49.57	50.87	51.67	62.13	82.66	104.3	122.0	
126.4	125.1	123.3	120.1	116.6	113.3	111.6	113.4	117.0	122.3	
127.4	131.2	135.6	139.3	143.6	146.6	148.8	150.6	153.3	156.4	
161.9	167.1	142.5	117.1	100.6	92.10	84.18	77.72	74.07	70.39	
67.84	66.53	65.62	63.78	62.64	61.00	59.75	58.08	56.00	54.39	
52.73	50.64	47.91	44.46	41.25	37.64	33.73	30.76	26.45	23.87	
21.01	17.90	15.70	12.74	11.39	9.060	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
12.97	17.80	21.54	25.26	26.66	26.97	26.72	29.68	35.53	42.65	ROW 0 67
47.63	47.76	48.25	49.66	50.59	51.84	64.44	84.02	102.1	117.2	
124.0	123.7	121.3	118.6	115.3	111.2	108.8	110.2	112.8	118.6	
125.3	130.8	136.9	141.1	145.6	149.2	152.1	156.3	160.3	166.5	
182.0	223.4	161.9	128.6	104.6	88.96	82.11	76.01	72.14	69.43	
66.97	65.86	64.25	63.55	62.48	60.87	58.70	57.40	55.80	54.63	
52.44	50.44	47.93	45.18	41.86	38.03	35.20	31.18	27.85	25.13	
22.02	18.61	15.84	13.89	11.79	9.817	7.771	7.195	6.427	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6.879	15.43	23.40	26.90	28.10	28.36	27.46	29.89	34.09	40.21	ROW 0 68
44.81	48.54	48.94	48.96	50.52	56.23	69.68	85.28	101.3	115.5	
122.1	122.4	121.3	119.7	116.5	110.9	107.9	108.2	111.0	117.4	
124.4	131.6	137.8	143.8	148.9	153.3	156.7	160.5	163.7	168.2	
174.5	179.1	156.6	131.7	109.3	88.83	77.98	74.29	70.58	68.08	
66.88	65.06	63.78	63.24	61.27	59.87	58.26	56.42	55.18	53.73	
52.48	49.73	47.15	45.13	41.92	38.40	35.73	32.73	29.40	25.69	
22.31	19.48	17.19	14.43	12.23	10.57	8.482	7.205	6.096	5.668	
4.433	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
15.05	19.20	25.63	28.54	29.62	28.67	28.27	30.12	33.72	37.37	ROW 0 69
40.87	45.41	48.03	48.72	52.69	61.14	73.18	86.29	99.96	114.4	
121.8	121.4	121.4	118.5	114.9	111.1	108.0	108.8	111.2	117.4	
125.6	133.5	141.4	148.0	153.7	157.5	160.3	163.8	165.9	168.0	
168.8	165.5	153.6	132.3	110.0	88.78	76.79	72.63	70.03	66.96	
66.15	64.82	62.97	62.04	60.28	59.11	57.59	56.15	54.27	52.94	
50.74	48.87	46.69	43.70	41.41	38.97	35.47	32.51	29.20	26.38	
23.94	20.90	18.14	15.66	13.47	11.06	9.334	8.284	7.626	5.952	
5.354	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
19.25	22.79	28.00	29.98	29.30	28.50	28.53	29.07	31.41	34.88	ROW 0 70
36.47	39.03	42.40	47.68	54.92	63.74	74.70	86.87	98.96	113.2	
121.6	122.2	121.9	120.8	117.1	112.9	111.4	110.9	114.3	120.7	
128.3	138.1	147.0	154.1	159.3	163.0	165.2	167.4	168.7	168.2	
166.1	162.0	155.8	134.5	113.5	94.08	78.45	71.44	69.25	66.64	
65.37	63.54	62.49	60.92	59.51	57.74	56.26	53.59	52.40	50.30	
48.83	45.95	43.97	41.90	40.18	37.92	35.57	32.72	29.45	26.65	
24.27	21.04	18.94	15.91	13.93	11.82	10.47	8.975	8.259	6.949	
5.510	5.200	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
20.04	23.63	27.27	28.59	28.04	27.27	27.94	28.70	30.48	32.50	ROW 0 71
34.27	36.17	38.44	45.82	54.56	64.51	75.57	86.16	96.60	108.1	
118.4	122.0	123.2	123.9	124.7	120.1	116.3	116.5	120.0	126.1	
134.5	145.2	154.3	161.8	166.1	169.6	171.6	172.6	172.1	169.5	
165.2	158.5	150.4	134.0	115.9	98.52	81.97	71.39	68.79	66.38	
64.27	62.84	61.59	59.31	57.54	55.45	53.59	52.15	50.19	48.02	
46.03	43.83	42.23	40.27	38.41	36.75	34.25	32.42	30.26	27.57	
24.24	21.90	19.56	17.13	14.58	12.85	10.93	10.08	8.645	7.753	
4.810	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
19.17	22.39	25.02	26.61	26.45	26.20	26.72	27.68	29.40	31.49	ROW 0 72
32.64	35.09	36.43	43.44	54.28	66.00	76.49	84.51	92.49	101.9	
113.1	121.9	125.0	129.0	135.4	128.9	124.0	124.0	127.4	134.6	
144.3	155.2	163.9	170.5	174.1	177.0	179.1	177.8	175.6	171.4	
165.3	158.1	147.7	134.3	121.0	104.2	85.11	72.72	68.20	64.72	

63.04	61.99	59.88	58.22	55.59	53.46	52.28	49.72	48.29	45.84	
43.30	41.66	39.47	37.59	36.48	35.16	33.49	31.71	29.56	26.94	
24.59	22.24	19.81	17.14	15.24	13.04	11.46	10.09	9.817	7.631	
6.497	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
18.02	19.65	22.31	23.39	24.15	24.23	25.37	26.59	28.72	30.75	ROW 0 73
32.67	33.87	36.38	40.75	53.89	69.08	79.68	83.88	89.52	97.20	
105.8	116.6	123.5	129.5	132.2	131.9	130.2	131.5	137.2	145.2	
156.8	168.1	176.2	181.4	184.2	185.7	186.6	184.4	179.6	174.9	
167.5	158.0	147.5	136.8	128.2	110.0	91.87	75.40	67.55	64.57	
62.10	59.73	58.27	55.83	54.17	52.07	50.02	48.11	45.28	43.50	
40.47	39.23	37.47	35.66	34.30	33.61	32.56	30.59	29.49	27.03	
24.85	22.67	20.29	17.55	15.37	13.54	11.93	11.49	10.57	5.938	
5.941	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
15.53	17.46	18.94	20.62	21.55	21.32	23.35	24.63	26.80	29.29	ROW 0 74
32.32	33.86	36.28	39.88	52.96	68.13	78.80	81.85	87.14	94.52	
102.5	111.9	120.8	128.4	132.6	135.1	137.5	142.1	149.7	160.1	
173.2	184.2	190.7	193.6	194.6	194.6	194.2	191.0	185.2	178.4	
169.7	160.3	147.6	137.4	126.9	112.2	96.78	81.65	69.18	62.58	
60.37	58.29	55.84	53.74	51.82	49.72	47.75	45.41	43.14	40.81	
38.25	37.20	34.55	33.83	32.50	31.71	31.34	30.32	28.45	26.37	
24.49	22.53	20.24	17.44	16.02	14.72	13.32	11.74	11.36	5.083	
4.697	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
13.89	15.09	17.26	18.19	19.02	19.06	20.17	22.62	25.21	28.29	ROW 0 75
30.94	34.07	36.03	39.82	51.22	66.89	75.73	79.39	83.86	89.65	
98.59	108.0	117.1	125.7	133.5	139.4	143.9	150.6	161.5	174.8	
189.7	202.1	206.2	206.6	206.8	205.2	202.8	197.8	190.8	182.4	
173.2	161.7	150.2	139.4	128.4	114.9	100.0	84.97	70.59	61.95	
59.60	56.78	54.46	51.93	49.73	48.32	45.26	43.51	40.86	38.91	
36.65	34.61	33.83	32.24	31.25	30.61	30.09	28.46	27.81	25.98	
24.42	21.78	19.59	17.82	16.20	14.59	12.82	11.96	11.52	5.032	
5.313	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
12.51	13.03	14.67	15.43	16.43	16.44	17.65	18.16	22.56	27.28	ROW 0 76
31.04	34.48	36.64	39.34	49.97	63.31	73.06	76.37	79.81	84.75	
92.15	103.4	114.9	123.9	132.4	140.5	147.4	156.5	169.9	186.0	
203.5	215.0	220.2	221.0	219.5	215.6	210.2	204.8	196.8	186.7	
176.4	166.1	154.4	143.7	132.5	118.8	104.1	89.38	75.37	63.54	
58.27	54.87	52.80	50.44	47.87	46.15	43.83	41.59	39.29	36.96	
34.89	33.88	32.09	30.67	30.00	29.70	28.50	28.12	26.58	24.89	
23.63	21.19	19.24	17.64	15.95	14.08	13.27	12.00	11.03	8.984	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
10.46	12.29	13.13	14.10	14.31	14.70	14.55	13.98	18.72	25.53	ROW 0 77
30.58	34.61	36.58	39.41	47.06	59.18	71.10	72.27	74.82	78.61	
82.89	93.17	109.0	119.8	129.0	137.2	146.4	159.0	174.4	195.0	
219.7	230.1	233.9	234.5	232.2	228.9	221.3	212.8	202.4	191.6	
180.0	169.2	159.5	148.8	136.5	123.0	108.7	94.20	79.77	66.46	
58.15	55.06	51.88	49.54	46.59	44.54	41.88	39.07	37.14	35.13	
33.22	32.27	30.54	30.27	28.87	27.89	27.96	26.67	25.71	24.46	
22.49	21.24	19.32	17.60	16.03	13.92	12.97	12.01	10.50	9.252	
9.542	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					
9.872	11.02	11.94	12.60	12.69	13.71	12.70	13.47	17.36	24.29	ROW 0 78
31.55	34.26	36.19	37.72	41.80	49.46	61.97	69.17	69.98	71.81	
72.75	72.25	99.43	111.2	120.7	126.4	134.1	143.3	169.3	208.9	
244.3	247.6	249.3	249.3	247.2	242.4	234.4	222.8	210.6	197.0	
185.0	173.7	162.5	151.6	140.1	127.1	112.8	97.54	83.55	70.19	
59.46	54.55	50.75	48.35	45.30	42.79	39.62	37.18	35.59	33.62	
31.84	30.95	29.24	28.06	27.83	27.10	26.56	26.05	24.77	23.06	
22.30	20.07	19.04	17.20	15.35	13.74	13.21	11.72	10.75	9.324	
9.022	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0					

8.031	9.529	10.53	10.88	11.86	12.15	12.28	12.86	16.41	24.03	ROW 0 79
31.37	34.41	35.99	37.08	40.70	45.99	56.03	65.73	66.66	65.57	
58.98	1.084	75.50	98.49	111.6	115.6	119.5	120.9	143.9	204.3	
249.8	258.8	263.4	265.0	260.9	256.5	247.8	233.3	218.5	203.2	
190.2	176.7	164.8	153.6	142.8	129.9	115.5	102.1	87.53	74.14	
61.87	55.42	51.07	47.18	44.34	41.17	38.29	36.07	33.69	31.69	
30.91	28.98	28.23	27.01	26.79	26.17	24.90	24.90	23.44	22.68	
21.09	19.66	18.38	16.60	14.72	14.19	12.44	11.70	11.07	6.826	
7.644	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
7.457	8.990	9.049	10.51	10.99	11.34	11.78	12.38	15.81	22.74	ROW 0 80
28.70	33.74	35.71	37.12	39.33	44.55	50.71	59.90	64.30	63.96	
60.34	55.92	71.74	86.13	98.59	105.6	109.8	114.7	121.1	170.1	
240.1	272.1	277.2	280.1	274.6	267.6	260.5	244.4	226.3	210.5	
197.7	182.3	168.3	155.7	142.5	130.8	117.4	104.5	92.39	78.23	
65.43	55.82	50.85	47.44	43.58	40.84	37.08	34.83	32.25	30.34	
29.44	28.41	26.50	26.10	25.69	24.89	23.67	23.58	21.97	21.60	
19.97	18.94	16.96	15.98	14.45	14.16	12.36	11.99	11.04	7.312	
6.958	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6.482	8.142	8.293	9.317	10.06	10.30	10.54	10.69	14.53	21.23	ROW 0 81
27.26	33.74	35.78	37.04	39.40	43.19	49.18	57.77	63.36	64.13	
63.68	63.07	70.32	77.72	86.93	97.56	102.1	108.1	114.0	153.1	
230.0	279.6	289.9	296.8	287.0	276.3	267.2	253.2	234.2	216.0	
202.8	186.3	171.2	159.4	147.2	131.9	117.1	107.1	96.21	82.93	
69.82	57.67	51.20	47.32	43.63	39.51	36.27	33.62	31.75	29.57	
28.48	26.28	26.14	24.41	24.52	24.03	22.94	22.80	21.08	19.60	
18.54	18.05	16.85	15.65	14.28	13.26	12.59	12.07	11.09	10.24	
5.711	5.714	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6.484	7.380	7.667	8.522	8.374	9.415	9.960	10.41	13.53	20.59	ROW 0 82
25.82	31.32	35.38	37.43	39.17	43.67	48.20	56.44	62.77	65.61	
65.20	65.58	69.46	72.37	77.27	86.40	96.88	103.0	109.3	135.3	
198.2	269.5	304.9	325.0	298.5	283.4	270.8	258.5	240.4	221.3	
206.7	188.9	172.6	160.1	149.5	134.2	119.0	109.3	99.27	88.39	
75.56	61.50	52.05	47.20	43.05	38.96	35.78	33.36	31.10	28.47	
27.08	25.73	24.31	24.14	22.57	22.83	21.88	21.71	20.06	17.67	
17.26	16.92	16.02	14.62	13.42	12.82	11.68	10.87	10.34	9.222	
8.200	6.407	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
6.148	6.330	6.778	7.545	7.411	8.200	9.104	9.201	12.87	18.75	ROW 0 83
24.99	31.43	35.77	38.06	40.31	43.56	48.09	56.07	63.90	66.92	
67.74	67.91	67.83	68.09	70.15	76.69	89.43	101.3	108.3	118.7	
161.0	249.3	301.5	306.4	297.4	286.0	273.4	258.4	241.9	225.2	
209.5	190.3	173.3	160.2	148.8	135.2	119.8	112.4	102.7	92.42	
81.41	67.06	53.59	47.46	42.40	37.97	34.70	32.66	30.40	27.31	
25.57	25.00	23.27	22.68	21.53	21.96	21.61	20.49	18.05	16.24	
15.62	15.40	15.08	13.68	12.81	12.83	11.49	10.71	9.632	8.787	
7.790	6.754	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5.714	5.410	6.163	6.039	4.399	7.055	8.482	9.903	11.76	17.86	ROW 0 84
24.67	32.87	35.56	38.10	41.11	43.97	48.39	55.92	64.05	67.89	
69.32	68.55	68.56	67.00	67.67	72.09	84.59	99.06	108.4	120.5	
134.9	214.5	295.4	298.9	296.7	285.8	271.0	254.9	240.0	224.8	
207.9	192.5	175.9	160.8	148.3	135.5	121.6	114.4	105.8	96.92	
87.83	77.23	64.39	49.72	40.03	37.73	34.65	32.07	29.44	26.50	
25.16	23.22	22.00	20.82	21.09	20.31	20.38	19.96	17.17	14.96	
14.49	14.09	13.76	13.60	12.21	12.08	10.74	10.08	9.197	8.398	
7.422	7.104	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.929	5.286	6.279	5.983	6.383	8.070	8.686	9.738	10.77	16.31	ROW 0 85
23.83	31.63	35.72	38.25	41.40	44.68	47.68	55.44	63.17	69.03	
71.33	70.81	70.36	67.69	67.70	71.63	80.49	96.21	110.3	120.9	
131.8	171.8	254.8	293.2	291.8	281.9	264.3	249.7	236.9	221.2	
204.8	189.2	176.0	162.1	148.2	134.6	122.3	115.0	107.1	99.44	

93.86	86.57	73.67	59.35	43.65	35.84	32.54	29.94	27.13	24.67	
23.20	21.61	20.83	20.04	18.65	18.43	18.24	19.33	15.71	14.08	
13.13	13.02	12.93	12.12	11.39	11.41	10.29	9.930	9.228	8.219	
7.539	6.685	5.675	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.621	4.874	6.211	6.427	7.676	8.866	9.331	10.74	12.00	15.77	ROW 0 86
22.41	29.67	34.17	38.41	40.90	42.60	46.15	51.39	61.95	69.41	
73.11	74.63	74.90	71.74	70.93	74.83	82.97	97.08	112.6	122.7	
133.6	144.8	185.3	248.3	259.4	258.5	252.1	241.4	230.8	217.2	
201.1	185.8	171.4	160.8	149.2	136.0	124.1	113.9	106.7	101.2	
95.54	92.46	82.24	66.76	51.61	37.25	30.53	28.56	26.61	23.62	
22.39	20.17	18.86	18.50	17.28	17.41	16.63	16.42	14.31	12.26	
12.90	12.25	11.65	11.58	10.75	10.76	10.24	9.414	8.246	7.649	
7.041	6.732	5.932	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.416	5.029	6.360	6.559	7.606	8.736	10.11	11.84	13.06	15.08	ROW 0 87
20.61	27.46	31.95	36.82	40.03	41.34	44.78	50.14	61.54	71.22	
78.52	81.66	81.75	80.62	78.59	81.89	88.85	102.2	116.5	125.3	
135.6	145.3	154.2	182.4	210.7	223.4	232.4	232.1	225.9	212.9	
196.8	179.5	167.2	157.8	146.4	136.0	125.4	115.0	105.8	100.4	
96.13	92.18	84.79	70.78	55.33	39.22	30.33	27.86	25.55	23.13	
21.00	19.92	18.04	17.14	16.33	16.66	15.64	15.25	12.57	11.60	
11.96	10.95	11.09	10.93	10.24	9.640	9.691	8.809	7.585	7.223	
6.509	6.559	5.111	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.805	5.831	6.080	7.051	7.708	9.368	10.04	11.84	14.08	17.05	ROW 0 88
20.87	24.06	28.93	35.35	39.14	42.16	44.07	49.27	61.29	73.18	
84.47	90.04	90.31	92.59	90.31	91.99	98.72	109.9	121.9	130.8	
138.6	146.7	153.2	159.3	175.0	193.5	204.4	213.0	210.8	201.9	
184.8	168.4	161.5	152.8	144.2	135.1	125.2	116.5	106.8	99.98	
94.46	90.77	87.04	74.57	57.57	39.94	29.42	27.69	25.13	22.48	
21.16	18.85	18.28	16.85	15.73	15.04	15.42	13.96	11.89	11.39	
10.44	11.10	10.11	10.06	9.744	8.900	9.087	8.104	7.132	6.259	
6.459	6.142	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
5.051	5.804	5.875	7.446	8.566	9.393	11.05	12.36	14.71	18.03	ROW 0 89
21.42	24.94	29.57	34.93	39.10	41.80	43.55	48.50	61.73	75.64	
89.83	97.97	100.6	102.4	105.0	107.7	113.6	122.2	130.7	138.0	
144.3	150.7	155.1	159.0	162.6	171.2	179.3	188.1	189.4	183.7	
172.6	163.6	157.2	148.2	140.7	132.4	123.7	116.0	107.2	99.07	
93.44	88.60	85.07	75.44	57.79	40.67	30.00	27.10	24.72	22.37	
20.75	18.98	17.44	16.35	15.85	14.33	14.21	13.23	10.77	10.06	
10.46	9.659	9.520	9.709	8.964	8.307	7.705	7.418	6.715	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.252	5.746	6.605	6.832	8.366	9.385	10.98	11.88	14.79	18.39	ROW 0 90
22.13	25.85	31.10	37.09	41.08	43.14	45.22	48.55	61.49	77.48	
95.06	105.7	114.0	117.5	123.4	125.7	133.3	141.0	147.4	150.5	
152.3	156.1	158.0	160.3	162.6	163.7	165.1	170.3	174.2	171.0	
165.5	159.4	150.9	141.9	135.2	129.1	122.4	114.5	106.7	99.69	
92.38	86.86	83.63	73.77	58.44	40.77	29.25	27.63	24.16	22.51	
21.29	19.18	17.40	16.38	15.97	15.23	14.06	12.96	11.15	10.26	
10.03	10.06	8.992	8.583	8.381	7.960	7.151	7.206	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.318	5.532	6.158	7.130	7.233	8.658	10.40	12.23	14.90	18.77	ROW 0 91
22.43	27.42	34.57	39.92	42.15	44.60	46.78	48.13	59.07	76.88	
96.55	114.1	129.2	133.6	138.7	149.0	155.6	164.0	167.0	167.8	
165.1	164.4	162.9	163.2	163.5	163.5	163.6	163.1	164.7	163.5	
159.4	153.1	146.5	138.0	130.3	124.7	119.7	112.6	104.7	98.16	
92.48	85.49	80.86	72.52	59.75	42.93	30.14	27.44	24.22	22.90	
21.03	19.47	18.23	16.43	16.27	15.60	14.60	13.60	11.11	9.625	
9.622	9.078	9.257	8.598	8.349	7.385	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	

4.485	5.423	5.804	6.479	7.261	8.303	8.596	10.83	14.30	18.59	ROW 0 92
23.18	29.89	41.09	43.45	45.02	46.61	47.76	48.61	56.95	73.65	
96.82	121.2	143.1	150.8	159.2	170.7	180.6	189.9	191.3	186.7	
179.4	172.7	168.2	166.5	164.8	163.9	162.2	161.4	159.8	157.7	
154.3	149.7	143.2	136.5	128.2	121.9	116.8	109.3	102.4	97.48	
91.63	83.23	77.64	72.77	64.27	51.02	39.25	30.63	24.90	23.16	
21.91	19.94	18.18	17.02	16.60	15.67	15.27	13.83	11.79	10.22	
9.888	9.034	9.199	8.233	7.051	6.387	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.043	4.728	5.837	6.149	6.543	7.282	7.529	8.068	11.82	17.46	ROW 0 93
22.74	33.65	60.43	49.73	47.56	47.65	48.00	49.86	54.01	64.51	
88.74	125.4	152.5	166.1	176.9	188.0	205.2	220.2	216.4	206.5	
192.9	179.7	174.4	169.9	166.6	163.6	161.1	159.0	157.4	154.1	
150.4	147.0	142.4	136.3	129.1	121.5	115.4	107.0	99.35	94.58	
90.22	83.33	76.01	70.07	65.66	58.06	48.34	39.98	31.39	25.94	
20.86	19.88	19.04	17.48	17.28	15.91	15.80	14.43	13.11	11.35	
9.860	8.924	8.320	7.362	7.320	5.893	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
4.358	4.836	5.659	5.448	6.327	6.520	5.986	0.4951	9.811	15.95	ROW 0 94
21.55	31.43	43.96	45.78	47.15	47.53	48.43	50.07	50.86	52.83	
70.45	112.3	156.8	184.5	195.2	207.0	229.5	245.0	240.4	226.0	
205.3	187.2	179.5	172.4	168.1	164.5	161.0	157.6	155.0	151.4	
149.6	145.3	141.2	136.7	131.1	123.9	116.4	108.9	98.76	92.05	
87.83	79.69	73.27	67.58	63.50	60.76	54.81	46.90	38.44	31.21	
22.99	18.96	18.31	18.39	17.06	16.53	16.12	15.04	13.12	11.73	
10.54	9.030	8.411	8.036	6.273	6.144	4.372	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.807	4.282	4.913	5.821	6.641	7.272	7.512	7.511	11.58	16.64	ROW 0 95
21.08	28.79	38.57	43.48	46.32	47.59	49.00	49.96	50.79	52.83	
54.12	93.11	158.0	196.2	208.8	224.3	243.1	264.9	260.7	241.5	
215.1	193.2	182.9	175.1	169.3	164.1	160.2	157.0	153.7	150.0	
147.0	143.9	140.6	138.6	134.2	127.2	119.6	111.2	102.7	92.47	
82.86	75.23	70.88	66.66	62.33	59.63	57.50	51.25	43.34	35.21	
27.43	17.20	18.27	18.54	18.00	16.59	15.66	14.80	13.68	12.52	
10.96	9.562	8.965	7.958	6.771	5.146	4.341	3.850	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
3.120	3.200	4.323	5.292	6.657	7.964	8.967	9.790	12.46	16.37	ROW 0 96
20.54	26.93	35.42	42.11	45.53	46.43	47.60	48.94	49.37	51.35	
53.15	85.35	153.9	200.6	216.3	230.9	247.4	271.6	275.4	252.1	
221.8	195.9	184.5	175.9	169.2	163.7	158.9	155.6	152.3	149.2	
146.1	143.1	140.6	137.5	135.4	130.4	122.7	114.9	106.3	95.90	
82.82	74.49	69.44	66.13	62.91	59.46	57.06	53.00	47.28	39.89	
31.86	23.16	19.12	19.20	17.75	16.58	16.45	14.47	13.99	11.81	
11.12	9.925	8.956	7.510	6.793	5.358	5.013	3.695	3.141	1.019	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.394	2.763	3.025	4.960	7.235	8.465	9.480	11.03	13.58	16.27	ROW 0 97
20.40	26.37	34.07	41.93	44.14	45.71	46.62	47.76	48.76	49.27	
50.58	72.11	133.1	191.7	220.5	231.0	244.3	261.8	273.7	252.4	
221.8	195.1	184.1	176.0	169.2	162.9	158.4	154.8	150.8	148.1	
144.7	142.1	139.0	136.1	133.9	130.7	126.2	119.0	109.7	99.30	
87.86	74.96	68.20	66.03	62.13	59.38	55.85	54.41	50.72	43.53	
35.41	26.49	20.39	19.02	18.05	16.85	16.15	14.80	13.71	12.76	
10.60	9.820	8.950	7.562	6.590	5.906	4.533	3.770	3.251	1.127	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.117	1.563	-0.3057	4.363	6.896	9.091	10.65	12.57	14.27	17.02	ROW 0 98
20.22	25.84	32.58	38.93	41.74	43.32	44.25	45.27	45.97	47.17	
48.46	61.02	114.9	178.8	216.7	225.0	235.0	242.4	251.3	238.6	
215.2	192.7	181.7	173.7	167.3	161.8	157.3	153.3	149.6	146.4	
143.8	140.9	138.1	134.9	132.1	129.1	126.2	122.0	113.1	102.9	

91.60	77.97	68.92	65.85	62.80	59.88	56.34	54.58	53.10	48.06	
39.88	30.49	23.30	19.66	18.48	17.80	16.38	14.66	13.40	12.47	
10.74	9.969	8.822	7.472	6.110	4.995	4.289	4.012	2.809	2.256	
1.996	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	-999.0	
2.205	2.116	2.755	5.784	7.664	9.946	11.19	13.04	15.40	16.99	ROW 0 99
20.19	24.34	30.59	36.28	39.58	40.87	42.22	43.40	43.95	45.90	
46.37	48.54	88.12	161.5	210.0	217.1	225.3	229.3	229.3	222.6	
204.7	188.0	179.7	172.4	165.6	160.3	156.7	152.7	148.6	145.2	
142.5	139.7	136.9	133.3	130.5	127.5	124.5	121.9	115.7	107.0	
95.55	83.28	70.57	66.78	64.16	60.45	57.23	55.25	53.54	52.12	
44.76	34.89	25.59	19.51	18.53	17.69	16.57	15.62	13.51	13.02	
10.82	9.458	8.297	6.944	6.503	5.454	4.966	3.820	3.429	2.256	
2.127	1.804	1.183	1.374	0.7119	1.415	-999.0	1.061	1.034	0.5645	
0.2988	0.3726	0.1265	0.8569	2.6367E-02	0.0000					
1.612	0.4653	3.858	6.303	8.481	10.71	12.27	14.22	15.65	18.19	ROW 0100
19.82	24.11	28.49	33.32	36.47	38.27	39.57	41.20	42.58	43.05	
44.63	46.10	67.23	125.9	186.2	208.7	213.3	215.7	212.2	208.3	
195.4	183.3	176.2	169.4	164.3	159.0	155.1	151.5	148.2	144.7	
141.7	138.9	135.4	131.8	128.5	126.2	122.5	119.7	116.5	110.1	
99.23	87.22	74.52	68.29	66.30	62.01	57.63	56.08	54.39	52.84	
47.04	38.54	29.96	22.08	18.44	17.99	16.17	15.04	14.32	12.85	
11.52	9.436	8.135	7.159	6.740	5.068	4.346	3.368	2.806	2.446	
2.414	2.212	1.151	1.097	0.7676	0.8364	0.8145	1.025	0.4141	1.011	
0.7256	0.2554	0.9795	0.5938	0.9756	0.7046					
3.532	4.370	5.445	7.910	9.680	11.80	12.78	14.86	16.96	19.14	ROW 0101
21.11	23.62	26.50	31.12	34.11	36.51	37.80	39.01	40.05	41.05	
43.06	43.99	46.24	91.83	160.7	200.0	202.9	203.6	202.5	196.8	
188.2	179.4	173.4	167.2	162.9	158.3	153.7	150.9	146.8	144.6	
141.7	137.6	134.0	129.8	127.5	123.7	120.0	116.7	113.9	109.5	
100.8	89.58	77.28	69.26	67.26	64.81	60.20	57.05	55.03	54.36	
50.52	41.80	33.72	24.22	19.03	17.81	16.40	14.97	13.73	12.56	
11.01	10.03	8.057	7.741	6.117	5.457	4.092	3.487	2.756	3.091	
1.805	1.998	1.303	0.9941	1.444	1.478	1.544	0.7007	0.8501	1.026	
0.7295	0.4277	0.4331	0.2026	0.2666	-6.8359E-03					
4.887	6.451	7.139	9.276	10.79	12.40	13.70	15.50	17.28	18.83	ROW 0102
21.46	23.15	25.70	28.82	31.50	33.81	35.78	36.92	37.76	39.38	
40.81	41.78	43.52	75.87	132.9	178.6	192.9	193.4	193.1	188.6	
184.5	175.8	169.1	165.3	161.0	156.9	153.3	149.4	146.3	143.6	
140.4	136.9	133.0	128.7	125.2	121.4	117.5	114.3	111.1	107.2	
102.0	91.77	81.81	71.40	68.50	66.47	62.96	59.63	56.45	54.74	
52.91	47.81	38.61	28.83	21.00	17.01	15.68	14.56	13.90	12.84	
10.90	9.747	8.506	7.101	6.464	5.149	4.461	3.602	3.552	2.251	
2.360	2.359	2.021	1.614	1.243	0.9658	1.623	1.245	1.353	1.353	
0.9644	0.6499	0.5708	1.115	0.6265	-999.0					
6.708	7.850	8.582	10.68	11.47	13.27	15.27	16.81	17.93	19.39	ROW 0103
21.26	23.23	25.64	27.76	29.62	32.39	33.96	35.15	35.96	37.48	
38.63	40.28	40.73	66.06	115.0	160.2	183.7	185.9	185.7	183.5	
179.2	172.0	166.9	162.9	159.5	155.9	152.9	149.7	146.1	142.7	
139.6	136.0	132.4	128.4	124.1	119.3	115.6	111.2	106.7	104.5	
100.0	92.66	84.05	74.24	69.11	67.70	64.66	61.76	58.14	55.54	
53.25	51.31	43.86	32.75	22.69	16.53	15.97	14.60	13.67	12.58	
11.09	9.546	8.040	6.616	5.526	5.145	3.908	3.782	3.533	2.317	
2.722	2.064	1.444	1.132	1.213	1.788	0.8218	1.295	1.256	1.109	
0.5098	0.9063	0.4688	0.5801	0.5010	-999.0					
7.995	9.190	10.02	11.85	12.49	14.12	15.69	16.82	19.08	20.32	ROW 0104
21.44	23.26	25.20	27.62	29.45	30.92	31.72	33.03	34.94	35.57	
36.85	37.73	38.69	58.08	100.1	146.0	176.4	178.9	179.1	178.7	
175.5	169.0	164.6	161.8	158.6	155.6	153.0	150.1	146.0	142.5	
138.4	134.7	131.1	127.6	123.2	118.7	114.1	107.5	102.8	100.9	
97.82	92.63	85.13	75.94	70.20	69.19	66.95	63.47	60.72	56.93	
54.68	52.94	47.32	36.33	23.71	17.08	15.72	14.19	13.50	12.15	
10.49	9.303	8.264	6.559	5.695	5.123	4.284	4.033	2.935	3.152	
2.057	2.114	1.534	1.519	1.200	1.664	0.9121	0.8848	1.573	1.147	
1.176	1.117	1.214	0.8042	1.035	-999.0					

8.850	10.33	11.11	12.22	13.41	14.78	16.90	18.25	19.52	20.57	ROW 0105
22.19	23.23	25.34	26.22	27.91	29.60	30.66	32.00	33.00	33.81	
34.48	35.98	36.11	47.25	82.48	121.5	159.7	172.2	173.5	174.2	
171.8	166.7	163.6	160.1	157.6	156.1	153.8	151.3	147.5	143.1	
138.2	134.4	130.3	126.0	122.1	117.7	112.9	105.2	100.1	97.04	
94.97	90.70	84.81	75.85	70.63	69.22	67.50	64.79	62.76	58.90	
55.41	52.30	49.79	40.19	27.54	18.64	13.82	13.81	12.67	11.61	
10.34	8.814	7.713	7.029	6.167	5.475	4.252	3.648	3.196	3.055	
2.746	1.739	2.319	1.700	2.010	1.334	1.682	0.9736	1.167	1.308	
0.8818	1.226	0.7861	0.7793	0.3188	0.5278					
9.815	11.33	12.76	13.92	14.47	16.20	17.74	18.25	19.46	21.40	ROW 0106
22.75	23.18	24.68	26.22	27.80	28.60	29.86	30.28	31.35	32.27	
33.26	33.36	34.02	35.04	59.84	99.67	142.6	165.9	167.5	168.9	
167.1	164.0	161.8	159.4	158.1	156.3	155.8	153.9	149.1	144.1	
138.4	133.4	128.7	124.1	119.6	115.3	110.3	103.9	98.97	94.46	
91.51	88.80	83.91	77.77	71.29	67.98	67.37	65.23	63.67	60.87	
56.82	53.56	50.30	41.36	28.60	18.56	13.07	12.35	12.37	10.73	
9.971	8.742	8.144	6.896	6.326	5.391	4.297	4.313	3.614	3.326	
2.910	1.928	1.727	1.534	1.473	1.618	0.9619	1.421	0.9551	1.531	
0.5322	1.267	1.200	0.5591	0.2998	-999.0					
11.65	13.30	14.27	15.22	15.84	16.73	18.64	19.21	20.47	21.24	ROW 0107
22.28	23.36	24.43	25.68	27.18	28.06	28.35	28.94	30.13	31.18	
31.10	32.04	33.17	33.03	44.93	74.86	127.2	160.0	162.3	163.4	
163.3	161.7	159.5	158.5	157.4	157.3	159.4	160.5	152.9	144.6	
138.4	131.9	127.1	122.2	117.2	112.1	107.9	102.6	96.39	91.37	
87.58	86.37	82.43	76.43	70.38	67.66	67.02	65.30	63.25	61.13	
58.34	55.45	49.43	37.65	26.95	17.27	12.31	11.89	11.29	10.42	
9.621	8.121	7.304	6.797	5.733	5.333	4.329	4.067	3.214	2.862	
2.470	2.588	1.656	1.897	1.441	1.347	1.597	1.124	0.8799	0.8301	
1.154	1.218	0.4341	1.229	0.4370	-999.0					
13.31	14.33	15.63	17.16	17.65	18.61	18.61	20.27	20.50	22.18	ROW 0108
23.10	24.00	24.86	25.82	26.13	26.88	28.04	28.65	28.85	29.76	
30.42	30.95	30.56	31.33	32.44	54.94	101.2	143.2	157.8	158.7	
159.6	158.6	158.0	157.2	157.3	158.1	163.3	177.1	156.4	145.3	
136.8	130.8	125.5	119.6	114.4	109.2	105.1	100.0	92.60	87.09	
84.01	82.18	78.95	74.37	69.74	66.85	65.88	64.71	62.94	61.38	
59.80	56.05	46.98	35.86	25.54	16.02	11.98	11.43	10.27	9.692	
9.148	8.076	7.783	7.077	6.600	5.189	4.160	3.819	2.970	2.707	
2.380	2.637	1.984	1.646	1.764	1.377	1.475	1.006	0.9097	1.123	
0.6924	1.120	0.8350	1.046	0.6543	-999.0					
15.60	17.50	18.08	18.79	18.85	19.68	19.74	20.62	21.84	22.50	ROW 0109
23.32	24.08	24.67	25.33	25.36	25.85	26.73	27.16	28.13	27.72	
28.06	29.00	29.75	30.53	31.01	42.17	79.75	123.8	153.0	153.9	
154.6	154.9	155.7	155.2	154.7	156.4	158.8	158.7	149.8	142.2	
134.6	128.8	123.4	117.3	111.7	106.1	100.4	94.82	86.81	83.50	
80.76	78.30	74.40	72.48	68.72	65.29	64.60	63.76	62.01	60.94	
59.58	53.93	42.66	31.80	22.19	13.64	11.00	10.62	9.561	9.831	
9.063	7.940	7.503	7.264	6.123	4.850	4.813	3.501	3.740	2.614	
2.461	2.908	2.540	1.619	2.295	1.588	1.501	0.9849	0.9780	1.394	
1.209	0.9746	1.126	0.8237	0.9751	-999.0					
18.06	20.24	20.96	20.27	20.66	20.92	20.92	21.06	21.52	23.04	ROW 0110
23.68	24.27	24.75	25.18	24.94	26.03	26.56	26.54	27.03	27.13	
26.81	27.05	27.92	28.71	29.30	29.87	52.37	97.45	135.9	148.4	
150.4	151.3	151.7	153.0	153.2	152.4	151.7	148.5	143.5	138.0	
133.0	127.5	121.6	115.7	109.1	103.1	96.62	90.42	85.03	80.91	
77.23	73.52	71.71	68.74	65.53	63.57	63.41	62.21	61.69	60.53	
56.47	47.61	37.06	27.24	17.53	11.34	10.44	9.653	9.830	8.917	
9.061	8.011	7.148	7.289	6.384	5.196	4.276	4.072	3.445	3.423	
2.404	2.156	2.168	1.717	1.924	1.874	1.567	0.9697	1.010	1.577	
1.609	0.6455	1.140	0.3701	0.6563	-999.0					
22.74	26.03	24.06	22.25	22.35	21.24	21.98	21.99	22.54	23.26	ROW 0111
24.02	23.76	24.42	24.85	25.30	25.87	25.86	25.23	25.99	26.30	
26.16	26.60	26.55	27.09	27.52	28.63	43.26	77.86	117.6	142.7	
144.8	146.3	146.7	148.7	150.4	149.9	146.8	143.5	139.5	134.9	
130.8	126.3	120.7	114.1	107.1	99.58	92.65	86.32	81.46	76.87	

72.75	69.40	66.30	62.51	60.20	59.43	59.08	59.46	57.83	55.78	
51.17	40.88	31.85	22.30	13.44	10.84	10.60	9.984	8.980	8.716	
8.167	7.923	7.630	7.180	6.523	5.464	4.667	3.610	4.038	3.053	
2.323	2.440	1.840	1.802	1.525	2.110	1.567	1.861	0.9097	1.585	
0.8096	1.038	0.7202	1.081	-999.0	-999.0					
25.36	35.45	27.22	24.35	23.48	22.34	22.40	21.89	22.43	23.54	ROW 0112
23.77	24.06	25.13	24.74	25.02	25.05	25.17	24.73	24.56	24.82	
24.61	25.03	24.88	25.16	26.19	26.85	34.56	54.79	92.27	126.6	
139.0	140.8	142.2	143.1	148.2	146.9	142.9	139.0	135.1	131.5	
129.0	125.2	120.8	113.4	104.8	96.61	88.18	81.81	76.73	71.88	
67.52	64.10	60.61	56.52	54.87	52.59	51.98	52.51	51.08	48.39	
41.68	34.29	25.48	16.96	11.17	10.38	10.16	9.246	9.054	8.400	
8.024	8.510	7.893	6.913	6.562	5.667	5.028	4.062	3.524	3.696	
3.291	2.733	2.408	1.737	1.955	2.167	1.371	1.542	1.576	1.324	
0.7104	1.156	1.196	0.8794	-999.0	-999.0					
23.11	26.92	25.90	24.45	23.77	22.61	22.17	22.99	22.58	22.93	ROW 0113
23.72	24.66	25.35	25.29	25.45	25.02	24.15	24.43	24.10	24.14	
23.65	23.70	24.13	23.78	24.71	24.77	25.80	37.72	71.29	108.5	
132.1	132.5	135.3	138.2	144.8	142.2	137.7	134.7	131.7	129.4	
126.4	126.3	125.0	113.7	102.1	92.04	82.76	76.12	71.17	66.34	
61.90	58.11	54.42	50.87	47.58	45.98	44.61	42.95	41.77	38.35	
33.73	26.92	20.38	13.00	10.43	10.16	10.08	9.231	8.843	8.692	
8.292	7.566	7.629	6.290	6.353	5.750	4.189	4.233	3.793	3.204	
3.139	2.800	2.665	2.322	2.037	1.858	1.803	1.869	0.9067	1.731	
1.332	1.005	0.7285	-999.0	-999.0	-999.0					
20.51	23.19	24.55	24.97	23.38	22.94	22.61	22.30	22.67	23.16	ROW 0114
24.49	25.08	25.54	25.84	24.72	24.57	23.54	23.27	22.64	22.37	
22.52	22.97	22.58	23.18	22.67	23.26	24.28	25.36	48.97	84.55	
114.4	122.1	125.0	127.1	129.7	129.8	128.3	128.1	127.5	125.8	
124.6	127.3	139.1	115.4	100.7	87.46	76.71	70.85	65.35	60.15	
56.14	52.51	48.18	44.85	40.21	37.68	36.02	34.32	32.81	29.75	
26.74	21.52	14.75	10.18	9.963	10.34	9.934	9.129	8.555	8.841	
8.627	7.893	6.750	6.993	5.549	5.232	4.712	3.816	3.553	3.247	
3.334	3.129	2.236	2.257	2.465	1.950	1.739	1.758	1.833	1.770	
0.8237	1.008	1.151	-999.0	-999.0	-999.0					
17.89	20.16	23.69	27.01	23.24	21.92	22.20	21.82	22.44	23.07	ROW 0115
23.65	24.74	25.47	25.73	25.60	24.52	23.12	22.44	22.25	21.47	
21.02	21.72	21.24	21.33	21.88	22.19	22.33	23.38	38.62	68.44	
96.29	110.2	112.0	114.6	114.3	114.7	115.4	119.9	119.7	119.1	
118.9	118.7	118.1	108.3	96.23	83.27	71.96	64.86	59.32	54.22	
50.49	45.76	42.15	37.79	34.52	29.01	26.36	26.13	24.74	23.32	
20.39	16.16	12.07	10.40	10.12	9.394	9.538	8.888	9.057	8.804	
7.931	7.323	6.955	6.818	5.832	5.707	4.288	4.518	3.444	3.296	
3.447	2.427	2.895	2.363	2.145	1.370	2.030	2.023	1.185	1.473	
1.283	1.341	0.6182	-999.0	-999.0	-999.0					
15.82	18.30	20.32	22.14	21.53	20.63	20.91	20.93	21.65	21.94	ROW 0116
22.78	24.18	24.96	25.52	25.93	24.31	22.68	21.69	20.86	20.52	
20.34	20.02	20.00	20.06	20.05	20.16	21.02	21.61	28.95	54.11	
82.21	96.70	99.61	101.1	102.0	104.2	106.8	110.9	108.9	106.2	
106.4	109.8	108.6	103.3	91.51	77.52	65.74	58.19	52.49	48.39	
43.84	39.68	35.74	31.06	27.31	21.54	19.24	18.34	18.63	16.50	
14.25	12.01	9.639	9.636	10.31	10.02	10.07	9.606	9.526	8.761	
8.199	7.679	7.096	6.546	5.885	4.958	4.715	4.125	4.232	3.226	
3.492	2.728	2.529	2.445	1.850	1.873	1.437	1.442	1.724	1.550	
0.8145	0.6055	0.7349	-999.0	-999.0	-999.0					
13.96	15.17	16.52	18.55	18.19	18.36	18.74	20.03	20.02	21.52	ROW 0117
22.25	23.91	25.48	24.60	23.91	22.21	21.39	21.06	19.64	19.66	
18.85	18.49	18.50	18.57	18.87	18.29	18.94	19.47	19.92	38.62	
68.58	84.22	85.63	86.46	87.54	90.33	93.65	98.59	94.42	90.77	
89.43	93.73	99.80	100.3	88.37	70.63	56.53	50.47	45.76	41.51	
37.44	33.72	28.94	25.43	21.38	18.23	16.12	14.12	13.25	11.81	
9.856	10.01	9.500	9.863	9.562	10.34	10.17	9.720	9.272	8.858	
8.454	8.888	8.044	6.916	6.507	5.822	4.833	4.504	3.846	4.033	
3.474	2.842	2.829	2.246	2.394	1.301	1.782	1.890	1.471	1.498	
1.597	0.9683	-999.0	-999.0	-999.0	-999.0					

12.04	13.20	14.21	15.83	15.80	16.59	17.50	17.71	19.09	20.05	ROW 0118
20.79	21.65	22.15	22.25	21.83	20.48	20.05	19.14	18.94	18.19	
17.89	17.53	16.38	16.60	16.53	16.51	17.20	17.33	17.75	29.58	
55.71	74.27	71.70	70.67	70.52	71.48	74.14	79.61	82.38	77.91	
75.91	77.15	86.28	103.2	84.14	56.18	38.37	38.73	37.19	34.07	
30.43	27.50	23.63	19.56	16.44	14.70	13.84	12.49	10.85	9.877	
9.107	8.894	9.797	9.262	10.11	10.24	9.524	9.778	9.575	9.169	
9.655	8.938	7.555	6.661	6.500	5.100	5.452	4.510	4.179	3.594	
3.192	2.549	3.009	2.169	2.141	1.970	1.461	1.841	0.9536	0.7031	
1.458	1.219	-999.0	-999.0	-999.0	-999.0					
11.26	11.77	12.16	13.75	13.62	14.82	15.11	16.41	17.48	17.58	ROW 0119
18.44	18.98	19.53	19.27	19.59	18.63	17.90	17.87	16.66	16.01	
15.47	15.93	15.30	15.30	15.32	15.45	15.50	15.64	15.30	19.01	
35.29	51.75	55.66	55.16	53.13	52.38	53.46	51.15	56.60	59.41	
61.07	64.11	70.77	108.1	69.83	45.61	34.01	30.99	28.78	26.68	
24.48	21.08	18.31	15.20	13.96	13.50	12.47	11.43	9.719	9.814	
8.888	8.915	9.209	8.912	9.917	9.915	10.35	9.995	9.668	8.775	
9.624	9.071	8.016	6.419	5.573	5.512	5.295	4.902	5.052	3.858	
3.632	3.018	2.343	2.498	1.379	1.288	1.843	1.463	1.190	1.285	
1.445	-999.0	-999.0	-999.0	-999.0	-999.0					
10.42	10.70	11.26	11.58	12.64	13.27	13.99	14.90	15.25	16.54	ROW 0120
17.22	16.97	16.92	17.06	17.46	16.68	16.89	16.03	15.35	15.30	
14.75	14.26	13.77	13.70	13.17	13.46	13.54	13.79	13.34	12.22	
12.60	22.65	41.30	40.46	37.07	35.43	33.30	28.98	31.29	39.91	
43.78	46.17	47.10	44.57	27.37	21.35	22.21	20.53	20.32	20.42	
18.39	16.27	15.16	13.14	12.05	11.80	10.57	10.35	9.261	8.955	
8.741	7.868	8.350	8.248	9.008	9.718	10.24	9.018	9.366	8.395	
7.992	8.272	7.285	6.799	5.353	4.641	4.866	5.041	4.811	3.516	
3.301	3.095	2.361	1.574	1.439	1.304	1.003	0.6836	0.8174	0.5864	
1.021	-999.0	-999.0	-999.0	-999.0	-999.0					

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